

# KD-Validated Anti-TCEB2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1532

## Product Information

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Application       | WB, FC                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Primary Accession | <a href="#">Q15370</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity        | Rat, Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype           | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone Names       | 23GB5610                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Calculated MW     | 13133                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Name         | ELOB                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Aliases           | ELOB; Elongin B; TCEB2; SIII; Transcription Elongation Factor B (SIII), Polypeptide 2 (18kDa, Elongin B); RNA Polymerase II Transcription Factor SIII Subunit B; Transcription Elongation Factor B Polypeptide; Transcription Elongation Factor B Subunit 2; Elongin 18 KDa Subunit; Elongin-B; SIII P18; RNA Polymerase II Transcription Factor SIII P18 Subunit; Epididymis Secretory Sperm Binding Protein; Elongin, 18-KD Subunit; EloB |
| Immunogen         | A synthesized peptide derived from human TCEB2                                                                                                                                                                                                                                                                                                                                                                                              |

## Additional Information

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|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID     | 6923                                                                                                                                                                                                  |
| Other Names | Elongin-B, EloB, Elongin 18 kDa subunit, RNA polymerase II transcription factor SIII subunit B, SIII p18, Transcription elongation factor B polypeptide 2, ELOB ( <a href="#">HGNC:11619</a> ), TCEB2 |

## Protein Information

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| Name              | ELOB ( <a href="#">HGNC:11619</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Synonyms          | TCEB2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Function          | SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex) (PubMed: <a href="#">7638163</a> ). In embryonic stem cells, the elongin BC complex is recruited by EPOP to Polycomb group (PcG) target genes in order generate genomic region that display both active and repressive chromatin properties, an important feature of pluripotent stem cells (By similarity). |
| Cellular Location | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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