

# KO-Validated Anti-ETS Transcription Factor ELK1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2428

## Product Information

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| <b>Application</b>       | WB, FC, ICC                                                                                                                                                                                     |
| <b>Primary Accession</b> | <a href="#">P19419</a>                                                                                                                                                                          |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                                                                               |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                      |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                                                                      |
| <b>Clone Names</b>       | 25GB2845                                                                                                                                                                                        |
| <b>Calculated MW</b>     | 44888                                                                                                                                                                                           |
| <b>Gene Name</b>         | ELK1                                                                                                                                                                                            |
| <b>Aliases</b>           | ELK1; ETS Transcription Factor ELK1; ELK1, Member Of ETS Oncogene Family; ETS Domain-Containing Protein Elk-1; Tyrosine Kinase (ELK1) Oncogene; ELK1, ETS Transcription Factor; ETS-Like Gene 1 |
| <b>Immunogen</b>         | A synthesized peptide derived from human ELK1                                                                                                                                                   |

## Additional Information

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| <b>Gene ID</b>     | 2002                                                                    |
| <b>Other Names</b> | ETS domain-containing protein Elk-1, ELK1 ( <a href="#">HGNC:3321</a> ) |

## Protein Information

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| <b>Name</b>              | ELK1 ( <a href="#">HGNC:3321</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b>          | Transcription factor that binds to purine-rich DNA sequences (PubMed: <a href="#">10799319</a> , PubMed: <a href="#">7889942</a> ). Forms a ternary complex with SRF and the ETS and SRF motifs of the serum response element (SRE) on the promoter region of immediate early genes such as FOS and IER2 (PubMed: <a href="#">1630903</a> ). Induces target gene transcription upon JNK and MAPK-signaling pathways stimulation (PubMed: <a href="#">7889942</a> ). |
| <b>Cellular Location</b> | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Location</b>   | Lung and testis.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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