

# TAF12 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58289

## Product Information

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|-------------------|------------------------|
| Application       | IHC-P, IHC-F, IF, E    |
| Primary Accession | <a href="#">Q16514</a> |
| Reactivity        | Rat, Pig, Dog, Bovine  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 17924                  |

## Additional Information

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| Gene ID     | 6883                                                                                                                                                                                            |
| Other Names | Transcription initiation factor TFIID subunit 12, Transcription initiation factor TFIID 20/15 kDa subunits, TAFII-20/TAFII-15, TAFII20/TAFII15, TAF12, TAF15, TAF2J, TAFII20                    |
| Dilution    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000                                                                                                                                 |
| Storage     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| Name              | TAF12 ( <a href="#">HGNC:11545</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Function          | The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed: <a href="#">33795473</a> ). TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC) (PubMed: <a href="#">33795473</a> ). The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13 (PubMed: <a href="#">33795473</a> ). Component of the TATA-binding protein-free TAF complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex (PubMed: <a href="#">10373431</a> , PubMed: <a href="#">7729427</a> , PubMed: <a href="#">8598932</a> , PubMed: <a href="#">8663456</a> , PubMed: <a href="#">9674425</a> , PubMed: <a href="#">9885574</a> ). |
| Cellular Location | Nucleus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tissue Location   | Ubiquitous.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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