

ARG43001 anti-TAF3 antibody

Package: 100 µl
Store at: -20°C

Summary

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| Product Description | Rabbit Polyclonal antibody recognizes TAF3 |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | ICC/IF, IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TAF3 |
| Species | Human |
| Immunogen | Recombinant protein of Human TAF3. |
| Conjugation | Un-conjugated |
| Alternate Names | TAF140; II; TAFII-140; TBP-associated factor 3; TAFII140; TAF; 140 kDa TATA box-binding protein-associated factor; Transcription initiation factor TFIID 140 kDa subunit; Transcription initiation factor TFIID subunit 3 |

Application Instructions

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| Application table | Application | Dilution |
| | ICC/IF | 1:20 - 1:100 |
| | IHC-P | 1:50 - 1:200 |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Jurkat | |
| Observed Size | ~ 130 kDa | |

Properties

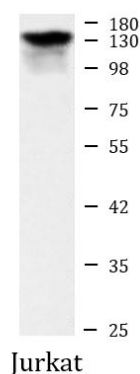
| | |
|---------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | 50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA. |
| Preservative | 0.01% Sodium azide |
| Stabilizer | 40% Glycerol and 0.05% BSA |
| Concentration | Batch dependent |

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| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Symbol | TAF3 |
| Gene Full Name | TAF3 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 140kDa |
| Background | The highly conserved RNA polymerase II transcription factor TFIID (see TAF1; MIM 313650) comprises the TATA box-binding protein (TBP; MIM 600075) and a set of TBP-associated factors (TAFs), including TAF3. TAFs contribute to promoter recognition and selectivity and act as antiapoptotic factors (Gangloff et al., 2001 [PubMed 11438666]).[supplied by OMIM, May 2009] |
| Function | Transcription factor TFIID is one of the general factors required for accurate and regulated initiation by RNA polymerase II. TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Required in complex with TBPL2 for the differentiation of myoblasts into myocytes. The complex replaces TFIID at specific promoters at an early stage in the differentiation process. [UniProt] |
| Calculated Mw | 104 kDa |
| Cellular Localization | Nucleus. [UniProt] |

Images



ARG43001 anti-TAF3 antibody WB image

Western blot: Jurkat cell lysate stained with ARG43001 anti-TAF3 antibody at 1:1000 dilution.