Datasheet for ABIN2461025

# anti-TAF6 antibody

1 Image

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | TAF6 |
| Reactivity: | Human, Mouse, Rat, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TAF6 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

## Product Details

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| Immunogen: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TAF6. |
| Purification: | Antibody is purified by protein A chromatography method. |

## Target Details

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| Target: | TAF6 |
| Alternative Name: | TAF6 (TAF6 Products) |
| Background: | TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. TAF6 is one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1,the largest subunit of TFIID. |

## Target Details

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| | One of the isoforms has been shown to preclude binding of one of the other TFIID subunits, thereby reducing transcription and initiating signals that trigger apoptosis.Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. Four isoforms have been identified but complete transcripts have been determined for only three isoforms. One of the isoforms has been shown to preclude binding of one of the other TFIID subunits, thereby reducing transcription and initiating signals that trigger apoptosis. |
| Molecular Weight: | 71 kDa, 73 kDa, 71 kDa, 73 kDa |
| Gene ID: | 6878 |
| NCBI Accession: | NP_620834 |
| UniProt: | A4D2B3 |

## Application Details

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| Application Notes: | TAF6 antibody can be used for detection of TAF6 by ELISA at 1:1562500. TAF6 antibody can be used for detection of TAF6 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL. |
| Concentration: | 1 mg/mL |
| Buffer: | Antibody is lyophilized in PBS buffer with 2 % sucrose. |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles. |

## Handling

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| Storage: | 4 °C/-20 °C |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store TAF6 antibody at -20 °C. |

## Images


**Western Blotting**

**Image 1.**