

Datasheet for ABIN2779473
anti-TAF11 antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	TAF11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TAF11
Sequence:	MDDAHESPSD KGGETGESDE TAAVPGDPGA TDTDGIPEET DGDADVDLKE
Predicted Reactivity:	Cow: 92%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 83%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TAF11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TAF11
Alternative Name:	TAF11 (TAF11 Products)

Target Details

Background:	<p>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. TAF11 is a small subunit of TFIID that is present in all TFIID complexes and interacts with TBP. This subunit also interacts with another small subunit, TAF13, to form a heterodimer with a structure similar to the histone core structure. 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 a small subunit of TFIID that is present in all TFIID complexes and interacts with TBP. This subunit also interacts with another small subunit, TAF13, to form a heterodimer with a structure similar to the histone core structure.</p> <p>Alias Symbols: TAF2I, PRO2134, TAFII28, MGC:15243</p> <p>Protein Interaction Partner: APPBP2, MED26, HIST3H3, APP, TBP, ELAVL1, POLR2A, ACTB, TAF8, VDR, THRA, NFYC, NFYB, NFYA, LZTR1, TAF9, TAF12, TAF10, TAF5, TAF13, TAF6, TAF4, TAF7, TAF2, CPSF1, TRIM24, TAF1, RXRB, RXRA, RELA, TAF15, GTF2F1, GTF2E1, GTF2B,</p> <p>Protein Size: 211</p>
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Molecular Weight:	23 kDa
Gene ID:	6882
NCBI Accession:	NM_005643 , NP_005634
UniProt:	Q15544

Application Details

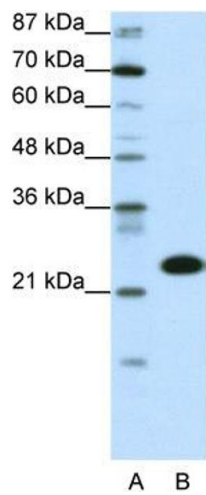
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 211 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	<p>Sun, Zhou, Liu, Zhang, Chen, Pan, Ma, Liu, Du, Yang, Wang: "Inhibition of breast cancer cell survival by Xanthohumol via modulation of the Notch signaling pathway in vivo and in vitro." in: Oncology letters, Vol. 15, Issue 1, pp. 908-916, (2018) (PubMed).</p> <p>Natsumeda, Maitani, Liu, Miyahara, Kaur, Chu, Zhang, Kahlert, Eberhart: "Targeting Notch Signaling and Autophagy Increases Cytotoxicity in Glioblastoma Neurospheres." in: Brain pathology (Zurich, Switzerland), Vol. 26, Issue 6, pp. 713-723, (2015) (PubMed).</p> <p>Meng, Su, Liu, Wang, Wang: "Rac1 contributes to cerebral ischemia reperfusion-induced injury in mice by regulation of Notch2." in: Neuroscience, Vol. 306, pp. 100-14, (2015) (PubMed).</p> <p>Ma, Mao, Shen, Zheng, Li, Liu, Ni: "Atractylenolide I-mediated Notch pathway inhibition attenuates gastric cancer stem cell traits." in: Biochemical and biophysical research communications, Vol. 450, Issue 1, pp. 353-9, (2014) (PubMed).</p> <p>Asnaghi, Lin, Lim, Lim, Tripathy, Wendeborn, Merbs, Handa, Sodhi, Bar, Eberhart: "Hypoxia promotes uveal melanoma invasion through enhanced Notch and MAPK activation." in: PLoS ONE, Vol. 9, Issue 8, pp. e105372, (2014) (PubMed).</p>
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Western Blotting

Image 1. WB Suggested Anti-TAF11 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T