

Datasheet for ABIN7602353
anti-TAB3 antibody (AA 70-656)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TAB3
Binding Specificity:	AA 70-656
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAB3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TAB3 Antibody Picoband®
Immunogen:	E.coli-derived human TAB3 recombinant protein (Position: R70-D656).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TAB3 Antibody Picoband® (ABIN7602353). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	TAB3
Alternative Name:	TAB3 (TAB3 Products)
Background:	Synonyms: Matrix metalloproteinase-16, MMP-16, 3.4.24.-, MMP-X2, Membrane-type matrix metalloproteinase 3, MT-MMP 3, MTMMP3, Membrane-type-3 matrix metalloproteinase, MT3-MMP, MT3MMP, MMP16, MMPX2, Tissue Specificity: Expressed in heart, brain, placenta, ovary and small intestine. Isoform Short is found in the ovary. Background: The product of this gene functions in the NF-kappaB signal transduction pathway. The encoded protein, and the similar and functionally redundant protein MAP3K7IP2/TAB2, forms a ternary complex with the protein kinase MAP3K7/TAK1 and either TRAF2 or TRAF6 in response to stimulation with the pro-inflammatory cytokines TNF or IL-1. Subsequent MAP3K7/TAK1 kinase activity triggers a signaling cascade leading to activation of the NF-kappaB transcription factor. The human genome contains a related pseudogene. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Molecular Weight:	90 kDa
Gene ID:	257397
UniProt:	Q8N5C8
Pathways:	TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Jin, G., Klika, A., Callahan, M., Faga, B., Danzig, J., Jiang, Z., Li, X., Stark, G. R., Harrington, J., Sherf, B. Identification of a human NF-kappa-B-activating protein, TAB3. Proc. Nat. Acad. Sci. 101: 2029-2033, 2004. 2. Zhang, L., Ding, X., Cui, J., Xu, H., Chen, J., Gong, Y.-N., Hu, L., Zhou, Y., Ge, J., Lu, Q., Liu, L., Chen, S., Shao, F. Cysteine methylation disrupts ubiquitin-chain sensing in NF-kappa-B activation. Nature 481: 204-208, 2012.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.