Datasheet for ABIN7601144

anti-TRAF7 antibody (AA 29-670)

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Overview

Quantity:	100 µg
Target:	TRAF7
Binding Specificity:	AA 29-670
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TRAF7 Antibody Picoband®
Immunogen:	E.coli-derived human TRAF7 recombinant protein (Position: R29-C670).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TRAF7 Antibody Picoband® (ABIN7601144). 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:	TRAF7
Alternative Name:	TRAF7 (TRAF7 Products)
Background:	Synonyms: Long-chain-fatty-acid--CoA ligase 3,6.2.1.3,Long-chain acyl-CoA synthetase 3,LACS 3,ACSL3,ACS3, FACL3, LACS3, Tissue Specificity: Expressed in breast, ductal and invasive ductal carcinomas of the breast, sporadic colorectal adenomas and carcinomas (at protein level). Expressed in fetal brain. Expressed in lung, amygdala, eye, prostate, pancreatic and prostate cancers, head and neck tumors and embryonal tumor. Background: Tumor necrosis factor (TNF, see MIM 191160) receptor-associated factors, such as TRAF7, are signal transducers for members of the TNF receptor superfamily (see MIM 191190). TRAFs are composed of an N-terminal cysteine/histidine-rich region containing zinc RING and/or zinc finger motifs, a coiled-coil (leucine zipper) motif, and a homologous region that defines the TRAF family, the TRAF domain, which is involved in self-association and receptor binding.
Molecular Weight:	75 kDa
Gene ID:	84231
UniProt:	Q6Q0C0

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, -
	1. Bouwmeester, T., Bauch, A., Ruffner, H., Angrand, P.-O., Bergamini, G., Croughton, K., Cruciat, C., Eberhard, D., Gagneur, J., Ghidelli, S., Hopf, C., Huhse, B., and 16 others. A physical and functional map of the human TNF-alpha/NF-kappa-B signal transduction pathway. Nature Cell Biol. 6: 97-105, 2004. Note: Erratum: Nature Cell Biol. 6: 465 only, 2004. 2. Krumm, N., Turner, T. N., Baker, C., Vives, L., Mohajeri, K., Witherspoon, K., Raja, A., Coe, B. P., Stessman, H. A., He, Z.-X., Leal, S. M., Bernier, R., Eichler, E. E. Excess of rare, inherited truncating mutations in autism. Nature Genet. 47: 582-588, 2015. 3. Tokita, M. J., Chen, C.-A., Chitayat, D., Macnamara, E., Rosenfeld, J. A., Hanchard, N., Lewis, A. M., Brown, C. W., Marom, R., Shao, Y., Novacic, D., Wolfe, L., and 25 others. De novo missense variants in TRAF7 cause developmental delay, congenital anomalies, and dysmorphic features. Am. J. Hum. Genet. 103: 154-162, 2018.
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 Na2HPO4.
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.