Datasheet for ABIN7603243

anti-TPR antibody (N-Term)

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Overview

Quantity:	100 µg
Target:	TPR
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TPR Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human TPR, which shares 90.6% amino acid (aa) sequence identity with mouse and rat TPR.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TPR Antibody Picoband® (ABIN7603243). Tested in Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. 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.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	TPR
Alternative Name:	TPR (TPR Products)
Background:	Synonyms: Nucleoprotein TPR, Megator, NPC-associated intranuclear protein, Translocated promoter region protein, TPR Tissue Specificity: Expressed in esophagus, ovary, liver, skin, smooth muscles, cerebrum and fetal cerebellum (at protein level). Highest in testis, lung, thymus, spleen and brain, lower levels in heart, liver and kidney. Background: The tetratricopeptide repeat (TPR) is a structural motif. This gene encodes a large coiled-coil protein that forms intranuclear filaments attached to the inner surface of nuclear pore complexes (NPCs). The protein ly interacts with several components of the NPC. It is required for the nuclear export of mRNAs and some proteins. Oncogenic fusions of the 5' end of this gene with several different kinase genes occur in some neoplasias.
Molecular Weight:	267 kDa
Gene ID:	7175
UniProt:	P12270

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human 1. Gonzatti-Haces, M., Seth, A., Park, M., Copeland, T., Oroszlan, S., Vande Woude, G. F. Characterization of the TPR-MET oncogene p65 and the MET protooncogene p140 protein-tyrosine kinases. Proc. Nat. Acad. Sci. 85: 21-25, 1988. 2. Miranda, C., Minoletti, F., Greco, A., Sozzi, G., Pierotti, M. A. Refined localization of the human TPR gene to chromosome 1q25 by in situ hybridization. Genomics 23: 714-715, 1994.
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.