

Datasheet for ABIN7602358
anti-TRIM24 antibody (AA 706-964)



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Overview

Quantity:	100 µg
Target:	TRIM24
Binding Specificity:	AA 706-964
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRIM24 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-TRIM24 Antibody Picoband® (monoclonal, 4G6C2)
Immunogen:	E.coli-derived human TRIM24 recombinant protein (Position: A706-D964).
Clone:	4G6C2
Isotype:	IgG1
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TRIM24 Antibody Picoband® (monoclonal, 4G6C2) (ABIN7602358). Tested in IF, IHC, ICC, 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: TRIM24

Alternative Name: TRIM24 ([TRIM24 Products](#))

Background: Synonyms: Peptidyl-prolyl cis-trans isomerase B, PPIase B, CYP-S1, Cyclophilin B, Rotamase B, S-cyclophilin, SCYLP, PPIB, CYPB

Tissue Specificity: Expressed predominantly in placenta.

Background: Tripartite motif-containing 24 (TRIM24) also known as transcriptional intermediary factor 1 α (TIF1 α) is a protein that, in humans, is encoded by the TRIM24 gene. The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains - a RING, a B-box type 1 and a B-box type 2 - and a coiled-coil region. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Molecular Weight: 130 kDa

Gene ID: 8805

UniProt: [O15164](#)

Application Details

Application Notes: Western blot, 0.25-0.5 μ g/mL, Human

Immunohistochemistry(Paraffin-embedded Section), 2-5 μ g/mL, Human

Immunocytochemistry/Immunofluorescence, 5 μ g/mL, Human

1. Beckstead, R., Ortiz, J. A., Sanchez, C., Prokopenko, S. N., Chambon, P., Losson, R., Bellen, H. J. Bonus, a Drosophila homolog of TIF1 proteins, interacts with nuclear receptors and can inhibit beta-FTZ-F1-dependent transcription. Molec. Cell 7: 753-765, 2001. 2. Ignat, M., Teletin, M., Tisserand, J., Khetchoumian, K., Dennefeld, C., Chambon, P., Losson, R., Mark, M. Arterial calcifications and increased expression of vitamin D receptor targets in mice lacking TIF1- α . Proc. Nat. Acad. Sci. 105: 2598-2603, 2008. 3. Khetchoumian, K., Teletin, M., Tisserand, J., Mark, M., Herquel, B., Ignat, M., Zucman-Rossi, J., Cammas, F., Lerouge, T., Thibault, C., Metzger, D., Chambon, P., Losson, R. Loss of Trim24 (Tif1- α) gene function confers

Application Details

	oncogenic activity to retinoic acid receptor alpha. Nature Genet. 39: 1500-1506, 2007.
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 and 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.