

Datasheet for ABIN7602359
anti-TRIM24 antibody (AA 706-964)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TRIM24
Binding Specificity:	AA 706-964
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM24 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TRIM24 Antibody Picoband®
Immunogen:	E.coli-derived human TRIM24 recombinant protein (Position: A706-D964).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TRIM24 Antibody Picoband® (ABIN7602359). Tested in ELISA, Flow Cytometry, 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	TRIM24
Alternative Name:	TRIM24 (TRIM24 Products)
Background:	Synonyms: Thrombospondin-2, THBS2, TSP2 Tissue Specificity: High expression in intervertebral disk tissue. Background: Tripartite motif-containing 24 (TRIM24) also known as transcriptional intermediary factor 1α (TIF1α) 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, 0.1-0.25 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 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. <i>Molec. Cell</i> 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. <i>Proc. Nat. Acad. Sci.</i> 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 oncogenic activity to retinoic acid receptor α. <i>Nature Genet.</i> 39: 1500-1506, 2007.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 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 , 0.01 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store 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 freeze-thaw cycles.