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TRIM24 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TRIM24.
Catalog # AT4345a

Product Information

Application	WB, IHC, IF, IP
Primary Accession	O15164
Other Accession	BC028689
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	2F2
Calculated MW	116831

Additional Information

Gene ID	8805
Other Names	Transcription intermediary factor 1-alpha, TIF1-alpha, 632-, E3 ubiquitin-protein ligase TRIM24, RING finger protein 82, Tripartite motif-containing protein 24, TRIM24, RNF82, TIF1, TIF1A
Target/Specificity	TRIM24 (AAH28689, 432 a.a. ~ 569 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 IP~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TRIM24 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

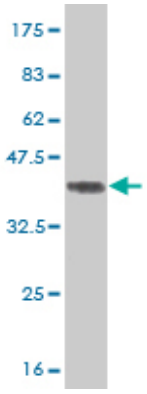
Background

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.

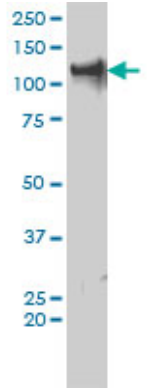
References

1.Overexpression of TRIM24 Is Associated with the Onset and Progress of Human Hepatocellular Carcinoma.Liu X, Huang Y, Yang D, Li X, Liang J, Lin L, Zhang M, Zhong K, Liang B, Li JPLoS One. 2014 Jan 7;9(1):e85462. doi: 10.1371/journal.pone.0085462. eCollection 2014.2.TRIM24 mediates ligand-dependent activation of androgen receptor and is repressed by a bromodomain-containing protein, BRD7, in prostate cancer cells.Kikuchi M, Okumura F, Tsukiyama T, Watanabe M, Miyajima N, Tanaka J, Imamura M, Hatakeyama S.Biochim Biophys Acta. 2009 Dec;1793(12):1828-36. Epub 2009 Nov 10.

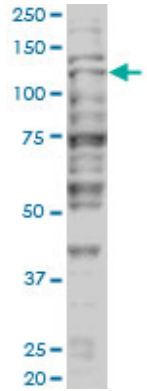
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (40.81 KDa) .



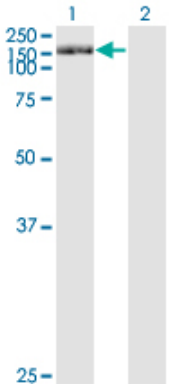
TRIM24 monoclonal antibody (M01), clone 2F2 Western Blot analysis of TRIM24 expression in IMR-32 ((Cat # AT4345a)

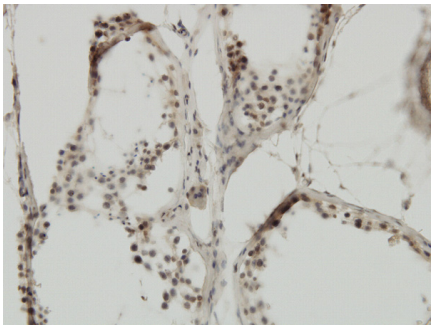


TRIM24 monoclonal antibody (M01), clone 2F2. Western Blot analysis of TRIM24 expression in Hela S3 NE ((Cat # AT4345a)

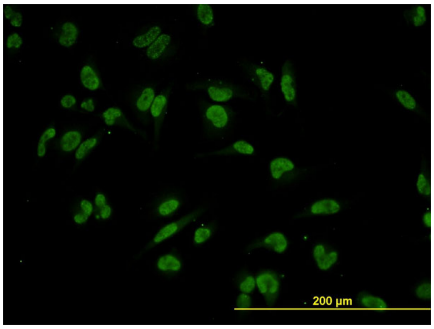
Western Blot analysis of TRIM24 expression in transfected 293T cell line by TRIM24 monoclonal antibody (M01), clone 2F2.

Lane 1: TRIM24 transfected lysate(116.8 KDa).
Lane 2: Non-transfected lysate.

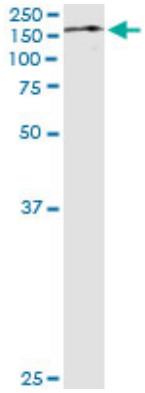




Immunoperoxidase of monoclonal antibody to TRIM24 on formalin-fixed paraffin-embedded human testis. [antibody concentration 6 ug/ml]



Immunofluorescence of monoclonal antibody to TRIM24 on HeLa cell. [antibody concentration 10 ug/ml]



Immunoprecipitation of TRIM24 transfected lysate using anti-TRIM24 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with TRIM24 MaxPab rabbit polyclonal antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.