

TRIM49 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TRIM49.

Catalog # AT4356a

Product Information

Application	WB, IHC, E
Primary Accession	P0C125
Other Accession	NM_020358
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2E6
Calculated MW	52888

Additional Information

Gene ID	57093
Other Names	Tripartite motif-containing protein 49, RING finger protein 18, Testis-specific RING-finger protein, TRIM49, RNF18
Target/Specificity	TRIM49 (NP_065091, 251 a.a. ~ 340 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 E~~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	TRIM49 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

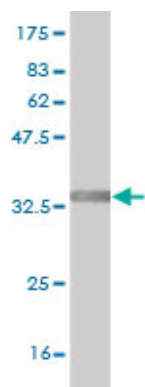
The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This gene has been found to be preferentially expressed in testis. Related pseudogenes and gene duplicates have also been identified on chromosome 11.

References

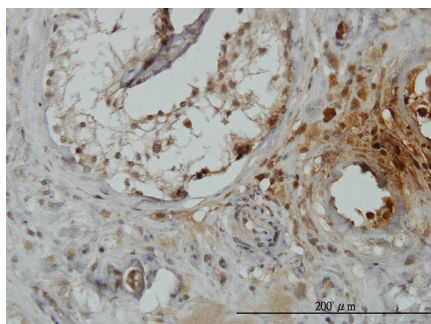
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A,

2002 Dec 24. PMID 12477932. Isolation of a cDNA for a novel human RING finger protein gene, RNF18, by the virtual transcribed sequence (VTS) approach(1). Yoshikawa T, et al. Biochim Biophys Acta, 2000 Oct 2. PMID 11018261.

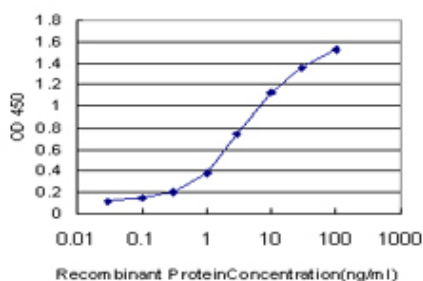
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .



Immunoperoxidase of monoclonal antibody to TRIM49 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged TRIM49 is approximately 0.03ng/ml as a capture antibody.

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