

TRIM37 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TRIM37.

Catalog # AT4355a

Product Information

Application	WB, E
Primary Accession	O94972
Other Accession	NM_015294
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2D11
Calculated MW	107906

Additional Information

Gene ID	4591
Other Names	E3 ubiquitin-protein ligase TRIM37, 632-, Mulibrey nanism protein, Tripartite motif-containing protein 37, TRIM37, KIAA0898, MUL, POB1
Target/Specificity	TRIM37 (NP_056109, 865 a.a. ~ 964 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	TRIM37 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

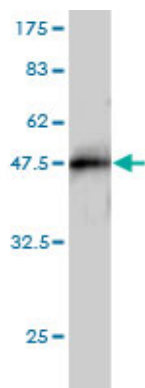
Background

This gene encodes a member of the tripartite motif (TRIM) family, whose members are involved in diverse cellular functions such as developmental patterning and oncogenesis. The TRIM motif includes zinc-binding domains, a RING finger region, a B-box motif and a coiled-coil domain. The RING finger and B-box domains chelate zinc and might be involved in protein-protein and/or protein-nucleic acid interactions. The gene mutations are associated with mulibrey (muscle-liver-brain-eye) nanism, an autosomal recessive disorder that involves several tissues of mesodermal origin. Alternatively spliced transcript variants encoding the same protein have been identified.

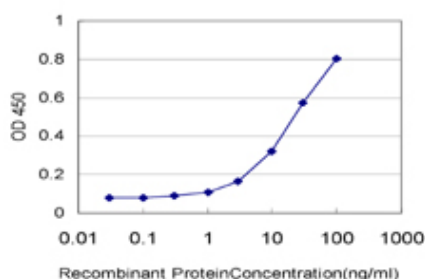
References

Shifted Transversal Design smart-pooling for high coverage interactome mapping. Xin X, et al. *Genome Res*, 2009 Jul. PMID 19447967. Gynecological tumors in Mulibrey nanism and role for RING finger protein TRIM37 in the pathogenesis of ovarian fibrothecomas. Karlberg S, et al. *Mod Pathol*, 2009 Apr. PMID 19329943. A novel mutation in TRIM37 is associated with mulibrey nanism in a Turkish boy. Doçanc T, et al. *Clin Dysmorphol*, 2007 Jul. PMID 17551331. Wilms' tumor and novel TRIM37 mutations in an Australian patient with mulibrey nanism. H?m?l?inen RH, et al. *Clin Genet*, 2006 Dec. PMID 17100991. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. *Cell*, 2006 Nov 3. PMID 17081983.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged TRIM37 is approximately 0.3ng/ml as a capture antibody.

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