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TRIM37 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TRIM37.
Catalog # AT4355a

Specification

TRIM37 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	O94972
Other Accession	NM_015294
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**107906**

TRIM37 Antibody (monoclonal) (M01) - 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.

TRIM37 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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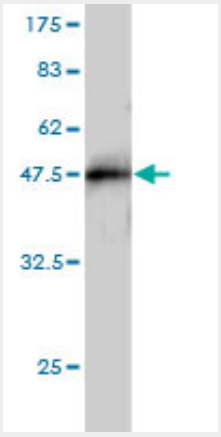
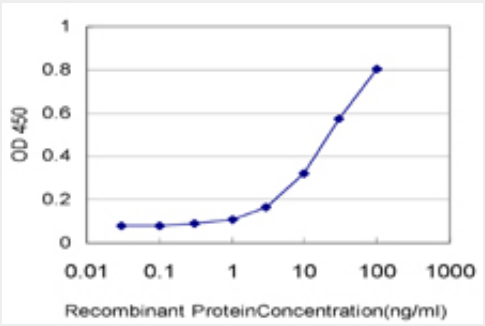
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRIM37 Antibody (monoclonal) (M01) - 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.

TRIM37 Antibody (monoclonal) (M01) - 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.

TRIM37 Antibody (monoclonal) (M01) - 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. Do?anc 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.