



TRI37 rabbit pAb

Catalog No	BYab-08156
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	TRIM37 KIAA0898 MUL POB1
Protein Name	TRI37
Immunogen	Synthesized peptide derived from human TRI37 AA range: 315-365
Specificity	This antibody detects endogenous levels of TRI37 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.271% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	E3 ubiquitin-protein ligase TRIM37 (EC 6.3.2.-) (Mulibrey nanism protein) (Tripartite motif-containing protein 37)
Observed Band	105kD
Cell Pathway	Cytoplasm, perinuclear region . Peroxisome . Found in vesicles of the peroxisome. Aggregates as aggresomes, a perinuclear region where certain misfolded or aggregated proteins are sequestered for proteasomal degradation. .
Tissue Specificity	Ubiquitous (PubMed:10888877). Highly expressed in testis, while it is weakly expressed in other tissues (PubMed:16310976).
Function	disease:Defects in TRIM37 are the cause of mulibrey nanism (MUL) [MIM:253250]; also called muscle-liver-brain-eye nanism. Mulibrey nanism is an autosomal recessive disorder that involves several tissues of mesodermal origin, implying a defect in a highly pleiotropic gene. Characteristic features include severe growth failure of prenatal onset and constrictive pericardium with consequent hepatomegaly. In addition, muscle hypotonia, J-shaped sella turcica, yellowish dots in the ocular fundi, typical dysmorphic features and hypoplasia of various endocrine glands causing hormonal deficiency are common.,similarity:Belongs to the TRIM/RBCC family.,similarity:Contains 1 B box-type zinc finger.,similarity:Contains 1 MATH domain.,similarity:Contains 1

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RING-type zinc finger.,subcellular location:Found in vesicles of the peroxisome.,tissue specificity:Ubiquitous.,

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. [provided by RefSeq, Mar 2016],

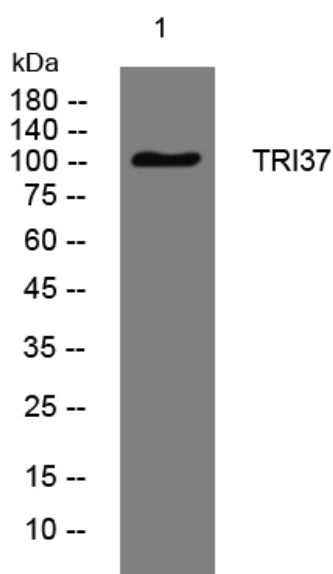
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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