TRI37 Rabbit pAb

CatalogNo: YN3313

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB

MW
- 105kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human TRI37 AA range: 315-365
Specificity	This antibody detects endogenous levels of TRI37 at Human/Mouse

Target Information

Gene name	TRIM37 KIAA0898 MUL POB1

Protein Name TRI37

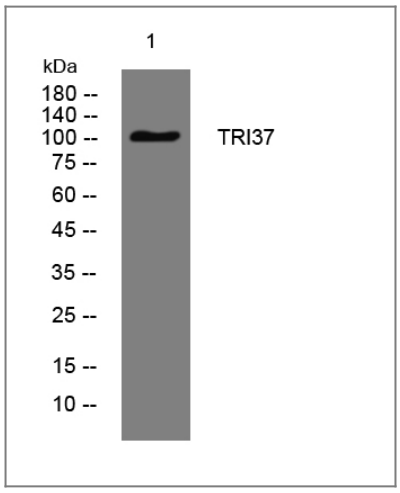
Organism	Gene ID	UniProt ID
Human	4591;	O94972;
Mouse	68729;	Q6PCX9;

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

Validation Data



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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Please scan the QR code to access additional product information:
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