



Anti-TRIM37 (aa 865-964) polyclonal antibody (DPAB-DC1974)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	TRIM37 (NP_056109, 865 a.a. ~ 964 a.a) partial recombinant protein with GST tag. The sequence is GHLEGLQM T DLENNSETGELQPVLPEGASAAP E EGMSSD S SDIECDTEN E EQEEHTSVGGF HDSFMVMTQPP D EDTHSSFPD G EQ I GPEDLSFNTDENS R
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TRIM37 tripartite motif containing 37 [Homo sapiens (human)]
Official Symbol	TRIM37
Synonyms	TRIM37; tripartite motif containing 37; MUL; POB1; TEF3; E3 ubiquitin-protein ligase TRIM37; mulibrey nanism protein; RING-B-box-coiled-coil protein; tripartite motif-containing protein 37;
Entrez Gene ID	4591
Protein Refseq	NP_001005207
UniProt ID	A8K0V9
Chromosome Location	17q23.2
Pathway	Adaptive Immune System; Proteasome degradation; presentation; Ubiquitin mediated proteolysis.
Function	ligase activity; protein binding; protein homodimerization activity; tumor necrosis factor receptor binding