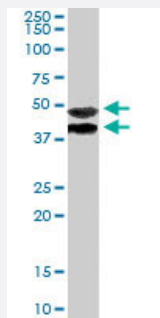


TRIM54 polyclonal antibody

Catalog # PAB6356

Size 100 ug

Applications



Western Blot (Tissue lysate)

TRIM54 polyclonal antibody (Cat # PAB6356) staining (1ug/ml) of human muscle lysate (RIPA buffer, 35ug total protein per lane) . Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of TRIM54.

Immunogen A synthetic peptide corresponding to human TRIM54.

Sequence C-GSAGPEEERPDGP

Host Goat

Theoretical MW (kDa) 44.8, 40.3

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:8000)
 Western Blot (1-3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — TRIM54

Entrez GeneID	57159
Protein Accession#	NP_115935
Gene Name	TRIM54
Gene Alias	MURF, MURF-3, RNF30
Gene Description	tripartite motif-containing 54
Omim ID	606474
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains a RING finger motif and is highly similar to the ring finger proteins RNF28/MURF1 and RNF29/MURF2. In vitro studies demonstrated that this protein, RNF28, and RNF29 form heterodimers, which may be important for the regulation of titin kinase and microtubule-dependent signal pathways in striated muscles. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]
Other Designations	OTTHUMP00000122598 muscle-specific RING-finger protein 3 ring finger protein 30

Publication Reference

- [Identification of muscle specific ring finger proteins as potential regulators of the titin kinase domain.](#)

Centner T, Yano J, Kimura E, McElhinny AS, Pelin K, Witt CC, Bang ML, Trombitas K, Granzier H, Gregorio CC, Sorimachi H, Labeit S.

Journal of Molecular Biology 2001 Mar; 306(4):717.

Application: IEM, Mouse, Mouse hearts