Datasheet for ABIN5007164

anti-TRIM54 antibody (Alexa Fluor 680)

Go to Product page

Overview

Quantity:	100 µL
Target:	TRIM54
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM54 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MURF3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	TRIM54
Alternative Name:	MURF3 (TRIM54 Products)
Background:	Synonyms: MURF 3, MURF, MURF-3, MuRF3, Muscle specic RING finger protein 3, Muscle specic RING finger protein, Muscle specic RING finger protein homolog, Muscle-specic RING finger protein 3, Muscle-specic RING finger protein, Ring finger protein 30, RNF30, TRI54_HUMAN, TRIM 54, TRIM54, RNF28, Tripartite mot containing 54, tibody Tripartite mot-

Target Details

	containing protein 54. Background: MuRF1, is a nuclear protein that interacts with SMT3b and the large myofibrillar protein Titin. In muscle cells, MuRF2 (RFN29) regulates gene expression and protein turnover. It localizes to the cytoplasm, but under atrophic conditions it is detected in the nucleus. MuRF2 can form oligomers with various other proteins, including Titin and Myosin. MuRF3, also designated tripartite motif-containing 54 (TRIM54) or ring finger protein 30 (RNF30), interacts with tubulin and stabilizes microtubules duing myotube formation. It is a cytoplasmic protein the localizes to the Z-lines in skeletal muscles, while MuRF2 localizes to the sarcomeric M-band in cardiomyocytes. MuRF3 shares 77 % and 65 % sequence identity with MuRF1 and MuRF2, respectively. MuRF1-3 share a conserved N-terminal RING domain and zinc-binding B-box motif, and two coiled-coil dimerization motif boxes, in their central regions.
Gene ID:	57159

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months