

Datasheet for ABIN2781288

anti-TRIM55 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	TRIM55
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM55 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRIM55
Sequence:	SGGRFRCPSC RHEVVLDRHG VYGLQRNLLV ENIIDYKQE STRPEKKSDQ
Specificity:	100 % homologous to all four isoforms of TRIM55.
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRIM55. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRIM55
Alternative Name:	TRIM55 (TRIM55 Products)
Background:	<p>TRIM55 contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. Four alternatively spliced transcript variants encoding distinct isoforms have been described.</p> <p>Alias Symbols: MURF-2, RNF29, muRF2</p> <p>Protein Interaction Partner: NEBL, PIAS3, MRPL19, MYOT, PIAS2, SQSTM1, TCAP, PIAS1, UXT, TTN, TNNI3, TNNI2, TNNI1, NEB, NDUFA1, MYBPC3, MYBPC1, EIF3E, FLNC, FLNB, FLNA, FHL2, EHHADH, EEF1G, DES, CKM, ATP5B, ACTA1, GFM1, TRIM63, MRPL41, MYOZ1, DCAF6, LMCD1, ANKRD1, NOMO1, GMEB1, BRAP,</p> <p>Protein Size: 241</p>
Molecular Weight:	27 kDa
Gene ID:	84675
NCBI Accession:	NM_184087 , NP_908975
UniProt:	Q9BYV6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 241 AA
Restrictions:	For Research Use only

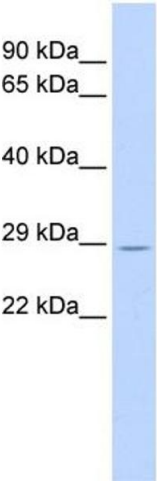
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TRIM55 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Hela cell lysate