

Rabbit anti-Human TRIM5 alpha Polyclonal Antibody | anti-TRIM5 alpha antibody

TRIM5 alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302497	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

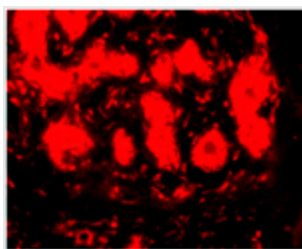
PRODUCT SYNONYMS

TRIM5 alpha; Polyclonal Antibody; TRIM5 alpha Antibody; TRIM5a; anti-TRIM5 alpha antibody

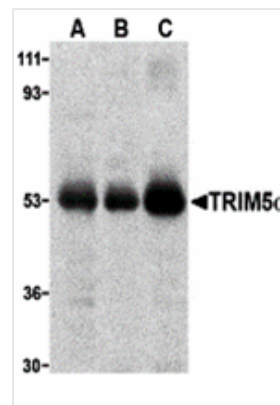
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Anti-TRIM5 alpha is human specific but should presumably also react with rhesus protein.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	493
Applicable Applications for anti-TRIM5 alpha antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids near the C-terminus of rhesus monkey TRIM5 alpha.
Target Name	TRIM5 alpha
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IF (Immunofluorescence)

Immunofluorescence of TRIM5 alpha in human breast tissue with TRIM5 alpha antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of TRIM5 alpha expression in human stomach (A), thymus (B), and uterus (C) cell lysate with TRIM5 alpha antibody at 2 ug /mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM5 alpha antibody	TRIM5 is a member of a broad family of otherwise unrelated proteins defined by the presence of a tripartite motif containing a RING domain, a B-box type 1, and a B-box type 2, followed by a coiled-coil region. TRIM5 has six alternately spliced isoforms, the longest of which is the alpha variant which also contains a carboxy-terminal B30.2 (SPRY) domain. Expression of TRIM5a variants from humans, rhesus monkeys, and African green monkeys enabled resistance to infection by various retroviruses including HIV-1, albeit at differing efficiencies. All TRIM5a variants could inhibit at least two different retroviruses, but not from those viruses isolated from the same species, suggesting that TRIM5a acts as a natural barrier to cross-species retrovirus transmission.
Product Categories/Family for anti-TRIM5 alpha antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	283046694
NCBI GeneID	85363
NCBI Accession #	NP_149023
NCBI GenBank Nucleotide #	NM_033034.2
Molecular Weight	29,677 Da
NCBI Official Full Name	tripartite motif-containing protein 5 isoform alpha
NCBI Official Synonym Full Names	tripartite motif containing 5
NCBI Official Symbol	TRIM5
NCBI Official Synonym Symbols	RNF88; TRIM5alpha
NCBI Protein Information	tripartite motif-containing protein 5
UniProt Protein Name	Tripartite motif-containing protein 5
UniProt Gene Name	TRIM5
UniProt Synonym Gene Names	RNF88
UniProt Entry Name	TRIM5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trim5-alpha-antibody-immunofluorescence-western-blot-elisa/302497>