

Datasheet for ABIN6990446
anti-TRIM5 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	TRIM5
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	TRIM5 delta antibody was raised against a synthetic peptide corresponding to 13 amino acids near the carboxy terminus of human TRIM5 delta. The immunogen is located within the last 50 amino acids of TRIM5 delta.
Isotype:	IgG
Purification:	TRIM5 delta Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TRIM5
Alternative Name:	TRIM5 delta (TRIM5 Products)
Background:	TRIM5 delta Antibody: TRIM5 is a member of a broad family of otherwise unrelated proteins

Target Details

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 five alternately spliced isoforms, the longest of which is the alpha variant which also contains a carboxy-terminal B30.2 (SPRY) domain. Expression of TRIM5 α , variants from humans, rhesus monkeys, and African green monkeys enabled resistance to infection by various retroviruses including HIV-1, albeit at differing efficiencies. The TRIM5 δ isoform has been shown to colocalize with the topoisomerase I-interacting proteins BTBD1 and BTBD2 in punctate or elongated cytoplasmic bodies in several mouse and human cells where it appears to serve as a scaffold for the assembly of endogenous BTBD proteins. TRIM5 δ also exhibits autoubiquitination activity in a RING finger- and UbCH5B-dependent manner.

Molecular Weight:	Predicted: 36 kDa
	Observed: 33 kDa
Gene ID:	85363
NCBI Accession:	NP_149084
UniProt:	Q9C035
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	TRIM5 delta antibody can be used for detection of TRIM5 delta by Western blot at 2 μ g/mL. A band at approximately 25 kDa can be detected. Antibody can also be used for immunohistochemistry starting at 1 μ g/mL. For immunofluorescence start at 10 μ g/mL.
	Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TRIM5 delta Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	TRIM5 delta antibody can be stored at 4°C for three months and -20°C, stable for up to 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.