

Datasheet for ABIN501058

anti-TRIM5 antibody (C-Term, Isoform delta)**2** Images[Go to Product page](#)

Overview

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

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.
Isotype:	IgG
Specificity:	This antibody detects TRIM5 / RNF88 delta.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography

Target Details

Target:	TRIM5
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Target Details

Alternative Name: TRIM5 / RNF88 ([TRIM5 Products](#))

Background: 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 (1). TRIM5 has five alternately spliced isoforms, the longest of which is the ? variant which also contains a carboxy-terminal B30.2 (SPRY) domain (1). Expression of TRIM5 α variants from humans, rhesus monkeys, and African green monkeys enabled resistance to infection by various retroviruses including HIV-1 (2,3), 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 (4).Synonyms: RING finger protein 88, Tripartite motif-containing protein 5

Gene ID: 85363

NCBI Accession: [NP_149084](#)

Pathways: [Activation of Innate immune Response](#)

Application Details

Application Notes: ELISA. Western blot: 1 to 2 μ g/mL. Immunohistochemistry on paraffin sections.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

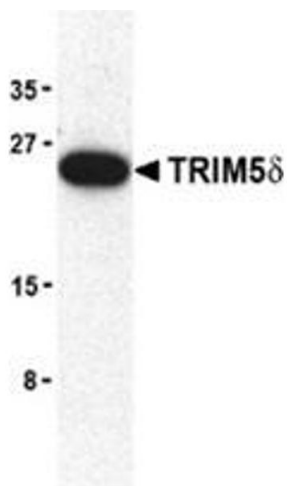
Preservative: Sodium azide

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 freezing and thawing.

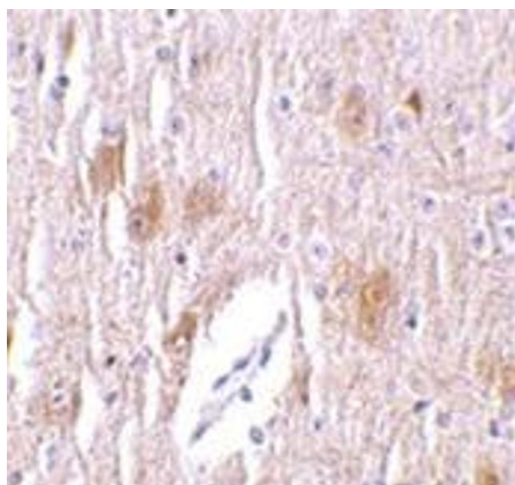
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of TRIM5 delta expression in mouse brain cell lysate with TRAP30953PU-N at 2 µg/ml.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of TRIM5 delta in mouse brain tissue with this product at 1 µg/ml.