

Datasheet for ABIN783538

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

Overview

Quantity:	0.1 mg
Target:	TRIM5
Binding Specificity:	C-Term, Isoform gamma
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:	15 amino acids near the carboxy-terminus of human TRIM5 gamma
Specificity:	This antibody detects TRIM5 / RNF88 (Isoform gamma) at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TRIM5
Alternative Name:	TRIM5 / RNF88 (TRIM5 Products)
Background:	TRIM5 is a member of a broad family of otherwise unrelated proteins defined by the presence

Target Details

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). While a function has not yet been assigned to TRIM5 γ , it is known that expression of TRIM5 γ variants from humans, rhesus monkeys, and African green monkeys enable resistance to infection by various retroviruses including HIV-1 (2,3), albeit at differing efficiencies. Furthermore, the TRIM5 γ isoform appears to serve as a scaffold for the assembly of endogenous BTBD1 and BTBD2 proteins and 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_149023](#)

UniProt: [Q9C035](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

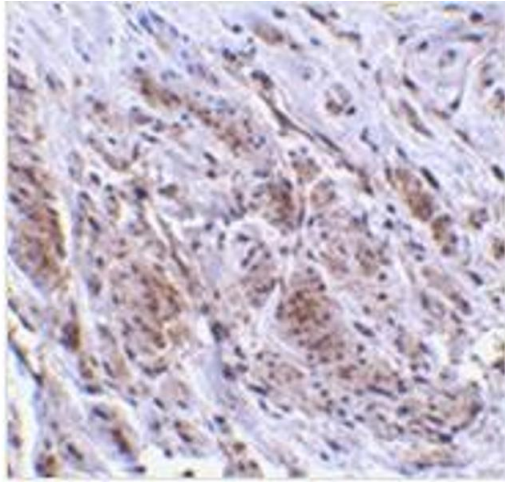
Preservative: Sodium azide

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.

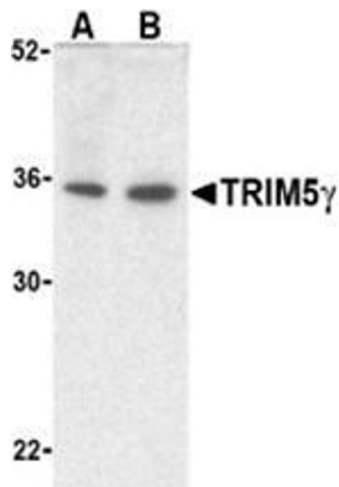
Storage: 4 °C/-20 °C

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of TRIM5 gamma in human bladder tissue with TRIM5 gamma antibody at 2 μ g/ml.



Western Blotting

Image 2. Western blot analysis of TRIM5 gamma expression in human bladder (A) and colon (B) cell lysate with TRIM5 gamma antibody at 2 μ g/ml.