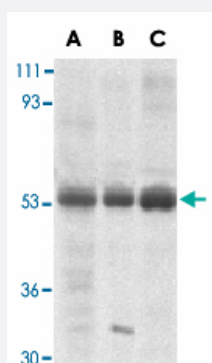


# TRIM5 polyclonal antibody

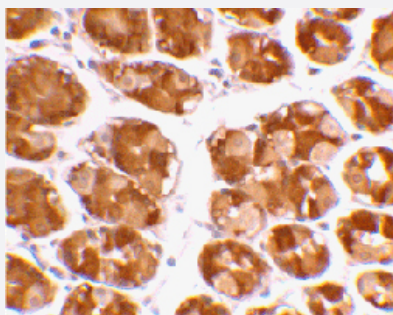
Catalog # PAB13408      Size 100 ug

## Applications



### Western Blot

Western blot analysis of TRIM5 expression in human stomach (A), thymus (B), and uterus (C) cell lysate with TRIM5 polyclonal antibody (Cat # PAB13408) at 2 ug /mL .



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach using TRIM5 polyclonal antibody (Cat # PAB13408) at 2 ug/mL .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of TRIM5.
<b>Immunogen</b>	A synthetic peptide corresponding to internal region of human TRIM5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of TRIM5 expression in human stomach (A), thymus (B), and uterus (C) cell lysate with TRIM5 polyclonal antibody (Cat # PAB13408) at 2 ug /mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach using TRIM5 polyclonal antibody (Cat # PAB13408) at 2 ug/mL .

## Gene Info — TRIM5

Entrez GeneID	<a href="#">85363</a>
Protein Accession#	<a href="#">NP_149023</a>
Gene Name	TRIM5
Gene Alias	RNF88, TRIM5alpha
Gene Description	tripartite motif-containing 5
Omim ID	<a href="#">608487</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies. Its function has not been identified. Five alternatively spliced transcript variants for this gene have been described. However, the full length nature of two of the variants has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000069811 OTTHUMP00000069812 tripartite motif protein TRIM tripartite motif protein TRIM5 tripartite motif-containing protein 5 alpha

## Publication Reference

- [Retrovirus resistance factors Ref1 and Lv1 are species-specific variants of TRIM5alpha.](#)

Hatzioannou T, Perez-Caballero D, Yang A, Cowan S, Bieniasz PD.

PNAS 2004 Jul; 101(29):10774.

- [The cytoplasmic body component TRIM5alpha restricts HIV-1 infection in Old World monkeys.](#)

Stremlau M, Owens CM, Perron MJ, Kiessling M, Autissier P, Sodroski J.

Nature 2004 Feb; 427(6977):848.

- [The tripartite motif family identifies cell compartments.](#)

Reymond A, Meroni G, Fantozzi A, Merla G, Cairo S, Luzi L, Riganeli D, Zanaria E, Messali S, Cainarca S, Guffanti A, Minucci S, Pelicci PG, Ballabio A.

The EMBO Journal 2001 May; 20(9):2140.

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)