

Goat Anti-TRIM4 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2111a**Specification**

Goat Anti-TRIM4 Antibody - Product Information

Application	WB, E
Primary Accession	O9C037
Other Accession	NP_149082 , 89122
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	57461

Goat Anti-TRIM4 Antibody - Additional Information**Gene ID** 89122**Other Names**

E3 ubiquitin-protein ligase TRIM4, 6.3.2.-, RING finger protein 87, Tripartite motif-containing protein 4, TRIM4, RNF87

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-TRIM4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TRIM4 Antibody - Protein Information**Name** TRIM4**Synonyms** RNF87**Function**

E3 ubiquitin-protein ligase. Mediates 'Lys-63'-linked polyubiquitination of the innate immune receptor RIGI, this linkage doesn't lead to proteasomal degradation but seems to enhance IFN induction.

Cellular Location

Cytoplasm.

Goat Anti-TRIM4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-TRIM4 Antibody - Images



AF2111a staining (1 µg/ml) of HepG2 lysate (RIPA buffer, 30 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Goat Anti-TRIM4 Antibody - Background

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. Alternatively spliced transcript variants that encode different isoforms have been described.

Goat Anti-TRIM4 Antibody - References

Phosphorylation of the SSBP2 and ABL proteins by the ZNF198-FGFR1 fusion kinase seen in atypical myeloproliferative disorders as revealed by phosphopeptide-specific MS. Kasyapa C, et al. Proteomics, 2009 Aug. PMID 19658100.

Unique features of TRIM5alpha among closely related human TRIM family members. Li X, et al. Virology, 2007 Apr 10. PMID 17156811.

Sequence diversity and haplotype structure at the human CYP3A cluster. Thompson EE, et al. Pharmacogenomics J, 2006 Mar-Apr. PMID 16314882.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.