

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

Specification

Goat Anti-TRIM4 Antibody - Product Information

Application	WB
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

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.