

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05932 - Goat Anti-TRIM5 / RNF88 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: tripartite motif-containing protein 5 alpha, tripartite motif protein TRIM, OTTHUMP00000069812, tripartite motif protein TRIM5, tripartite motif protein 5, TRIM5alpha, tripartite motif-containing 5, RNF88, TRIM5

Official Symbol: TRIM5

Accession Number(s): NP_149023.1; NP_149083.1; NP_149084.1

Human GeneID(s): [85363](#)

Important Comments: This antibody is expected to recognise all three human isoforms of this protein.

Immunogen

Peptide with sequence ASGILVNVKEEVTC, from the N Terminus of the protein sequence according to NP_149023.1; NP_149083.1; NP_149084.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 38kDa band observed in Human Placenta and Human Uterus lysates (calculated MW of 37.7kDa according to NP_149084.1). Recommended concentration: 2-6µg/ml.

IHC: A previous batch was successfully used on Human Tonsil.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific References

The goat polyclonal antibody used in this paper was manufactured by us:

Yap MW, Lindemann D, Stanke N, Reh J, Westphal D, Hanenberg H, Ohkura S, Stoye JP.

Restriction of foamy viruses by primate Trim5alpha.

J Virol. 2008 Jun;82(11):5429-39.

PMID: 18367529

The goat polyclonal antibody used in this paper was manufactured by us:

Yap MW, Mortuza GB, Taylor IA, Stoye JP.

The design of artificial retroviral restriction factors.

Virology. 2007 Sep 1;365(2):302-14.

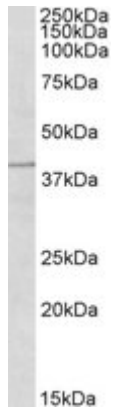
PMID: 17493656

The goat polyclonal antibody used in this paper was manufactured by us:

Ohkura S, Yap MW, Sheldon T, Stoye JP.

All three variable regions of the TRIM5alpha B30.2 domain can contribute to the specificity

of retrovirus restriction.
J Virol. 2006 Sep;80(17):8554-65.
PMID: 16912305



EB05932 (2 μ g/ml) staining of Human Placenta lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.