

## Goat anti-TRIM5 / RNF88 (alpha isoform) Antibody

<b>Item Number</b>	dAP-0772
<b>Target Molecule</b>	Principle Name: TRIM5 / RNF88 (alpha isoform); Official Symbol: TRIM5; All Names and Symbols: TRIM5; tripartite motif-containing 5 ; HGNC:16276; RNF88; tripartite motif protein 5; tripartite motif protein TRIM5; TRIM5alpha; OTTHUMP00000069812; tripartite motif protein TRIM; tripartite motif-containing protein 5 alpha; Accession Number (s): NP_149023.1; Human Gene ID(s): 85363; Non-Human GeneID(s):
<b>Immunogen</b>	CNIEKNENYQPK, is from internal region This antibody is expected to recognise isoform alpha (NP_149023.1) only.
<b>Applications</b>	Pep ELISA, IHC  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 37kDa band in Lysates of Human cell lines Daudi, Jurkat and MOLT4 after 0.3 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe g
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows cytoplasm staining in PCT. Recommended concentration, 3-6µg/ml.
<b>Reference</b>	Reference(s): Berthoux L, Sebastian S, Sokolskaja E, Luban J. Cyclophilin A is required for TRIM5{alpha}-mediated resistance to HIV-1 in Old World monkey cells. Proc Natl Acad Sci U S A. 2005 Oct 11;102(41):14849-53. Epub 2005 Oct 3. .PMID: 16203999 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**