

Goat anti-GERP / TRIM8 Antibody

Item Number	dAP-0171
Target Molecule	Principle Name: GERP / TRIM8; Official Symbol: TRIM8; All Names and Symbols: TRIM8; tripartite motif-containing 8; GERP; RNF27; ring finger protein 27; tripartite motif protein TRIM8; glioblastoma expressed ring finger protein; RP11-47A8.4.; Accession Number (s): NP_112174.2; Human Gene ID(s): 81603; Non-Human GenID(s): 93679 (mouse)
Immunogen	YGQPSTKHYVTS, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: No signal obtained yet but low background observed in human brain and human kidney lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows preferential nuclear staining in convoluted tubules. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Vincent SR, Kwasnicka DA, Fretier P. A novel RING finger-B box-coiled-coil protein, GERP. Biochem Biophys Res Commun. 2000 Dec 20;279(2):482-6..PMID: 11118312 ->

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 end users! This product is sold for **Research Use Only**