

Goat anti-PTGFR Antibody

Item Number dAP-3372

Target Molecule Principle Name: PTGFR; Official Symbol: PTGFR; All Names and Symbols: PTGFR; prostaglandin F receptor (FP); FP; PGF receptor; PGF2 alpha receptor; PGF2-alpha receptor; prostaglandin F2 alpha receptor; prostaglandin F2-alpha receptor; prostaglandin receptor (2-alpha); prostanoid FP receptor; Accession Number (s): NP_000950.1; Human Gene ID(s): 5737; Non-Human GeneID(s):

Immunogen ESPVAEKSAST, is from C Terminus
This antibody is expected to recognize isoform a (NP_000950.1) only.

Applications Pep ELISA

Species Tested:

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 1000.

Western Blot Western Blot: Not yet tested. At this stage we are dependent on researchers in the field for further characterization of this product. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product. We would appreciate any

IHC

Reference Reference(s): Sales KJ, Grant V, Jabbour HN. Prostaglandin E2 and F2alpha activate the FP receptor and up-regulate cyclooxygenase-2 expression via the cyclic AMP response element. Molecular and cellular endocrinology 2008 Mar 285 (1-2): 51-61..PMID: 18316157->

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**