

Goat anti-GPR125 Antibody

Item Number	dAP-1408
Target Molecule	Principle Name: GPR125; Official Symbol: GPR125 ; All Names and Symbols: GPR125 ; G protein-coupled receptor 125 ; PGR21; TEM5L; TEM5-like; Accession Number (s): NP_660333.2; Human Gene ID(s): 166647; Non-Human GeneID(s): 70693 (mouse)
Immunogen	CTNKSASSFKNS, is from internal region
Applications	Pep ELISA, WB, 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 8000.
Western Blot	Western Blot: Approx 140kDa band observed in Human Ovary lysates (calculated MW of 146kDa according to NP_660333.2). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml. A customer reported successful results on Human Testis.
Reference	Reference(s): Seandel M, James D, Shmelkov SV, Falciatori I, Kim J, Chavala S, Scherr DS, Zhang F, Torres R, Gale NW, Yancopoulos GD, Murphy A, Valenzuela DM, Hobbs RM, Pandolfi PP, Rafii S. Generation of functional multipotent adult stem cells from GPR125+ germline progenitors. <i>Nature</i> . 2007 Sep

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**