ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-GPR83 (aa59-71) Antibody

Item Number	dAP-2558
Target Molecule	Principle Name: GPR83 (aa59-71); Official Symbol: GPR83; All Names and Symbols: GPR83; G protein-coupled receptor 83; GIR; GPR72; G protein-coupled receptor 72; G-protein coupled receptor 72; glucocorticoid induced receptor; probable G-protein coupled receptor 83; Accession Number (s): NP_057624.3; Human Gene ID(s): 10888; Non-Human GeneID(s): 14608 (mouse) 140595 (rat)
Immunogen	RRYGAESQNPTVK, is from internal region The immunizing peptide represents part of an extracellular domain.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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; Reconsititute 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 48kDa band observed in Human, Mouse and Rat Brain lysates (calculated MW of 48.3kDa according to Human NP_057624.3 and 48.0kDa according to Rat NP_536336.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Hansen W, Westendorf AM, Toepfer T, Mauel S, Geffers R, Gruber AD, Buer J. Inflammation in vivo is modulated by GPR83 isoform-4 but not GPR83 isoform 1 expression in regulatory T cells. Genes Immun. 2010 Jun;11(4):357-61..PMID: 20200545->

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

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