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GOAT ANTI-GPR83 ANTIBODY

SKU: EB06461

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	glucocorticoid induced receptor|G-protein coupled receptor 72|G protein-coupled receptor 72|G protein-coupled receptor 83|GPR72|GIR|GPR83
Accession ID	NP_057624.3
Immunogen	Peptide with sequence CQSGKTDLSSVEP, from the C Terminus of the protein sequence according to NP_057624.3.
Peptide Sequence	CQSGKTDLSSVEP
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig
Human Gene ID	10888
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 48kDa and 35kDa in human brain lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the 35kDa band we observe given the calculated size of 48.4kDa according to NP_057624.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?
Application Type	Pep-ELISA