

# GOAT ANTI-GPR83 ANTIBODY

**SKU:** EB06461



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	glucocorticoid induced receptor G-protein coupled receptor 72 G protein-coupled receptor 72 G protein-coupled receptor 83 GPR72 GIR GPR83
<b>Accession ID</b>	NP_057624.3
<b>Immunogen</b>	Peptide with sequence CQSGKTDLSSVEP, from the C Terminus of the protein sequence according to NP_057624.3.
<b>Peptide Sequence</b>	CQSGKTDLSSVEP
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Pig
<b>Human Gene ID</b>	10888
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Western Blot</b>	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?
<b>Application Type</b>	Pep-ELISA