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GOAT ANTI-HTR1A (AA249-262) ANTIBODY

SKU: EB11005

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	HTR1A| 5-hydroxytryptamine (serotonin) receptor 1A| 5-HT1A| 5HT1a| ADRB2RL1| ADRBRL1| 5-HT-1A| 5-HT1a receptor| 5-hydroxytryptamine receptor 1A| G protein coupled receptor| G-21| OTTHUMP00000221821| guanine nucleotide-binding regulatory protein-coupled receptor| serotonin receptor 1A
Accession ID	NP_000515.2
Blocking Peptide	EBP11005
Immunogen	Peptide with sequence C-QPKKSVNGESGSRN, from the internal region of the protein sequence according to NP_000515.2.
Peptide Sequence	C-QPKKSVNGESGSRN
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
Human Gene ID	3350
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 1:16000.
Western Blot	Preliminary experiments gave bands at approx 37kDa and 35kDa in Human Brain (Hippocampus, Substantia nigra) lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 46.1kDa according to NP_000515.2. 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?

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Application Type	Pep-ELISA

DOCUMENTS

- Data Sheet