

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 / HTR1A| 5-hydroxytryptamine (serotonin) receptor 1A| 5-HT1A| 5HT1a| ADRB2RL1| ADRBRL1| 5-HT-1A| 5-HT1a

Alias receptor| 5-hydroxytryptamine receptor 1A| G protein coupled receptor| G-21| OTTHUMP00000221821| guanine

Names 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?

Application Pep-ELISA
Type

DOCUMENTS

- [Data Sheet](#)