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EB10968 - Goat Anti-CHRNA5 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CHRNA5, cholinergic receptor, nicotinic, alpha 5, LNCR2, Cholinergic receptor, neuronal nicotinic, alpha polypeptide-5, neuronal acetylcholine receptor subunit alpha-5, neuronal nicotinic acetylcholine receptor, alpha5 subunit
Official Symbol: CHRNA5
Accession Number(s): NP_000736.2
Human GeneID(s): 1138

Immunogen

Peptide with sequence C-HVDRYFTQKEET, from the internal region of the protein sequence according to NP_000736.2.

Please note the peptide is available for sale.

Purification and Storage

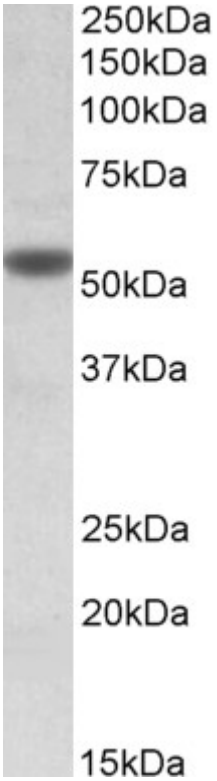
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

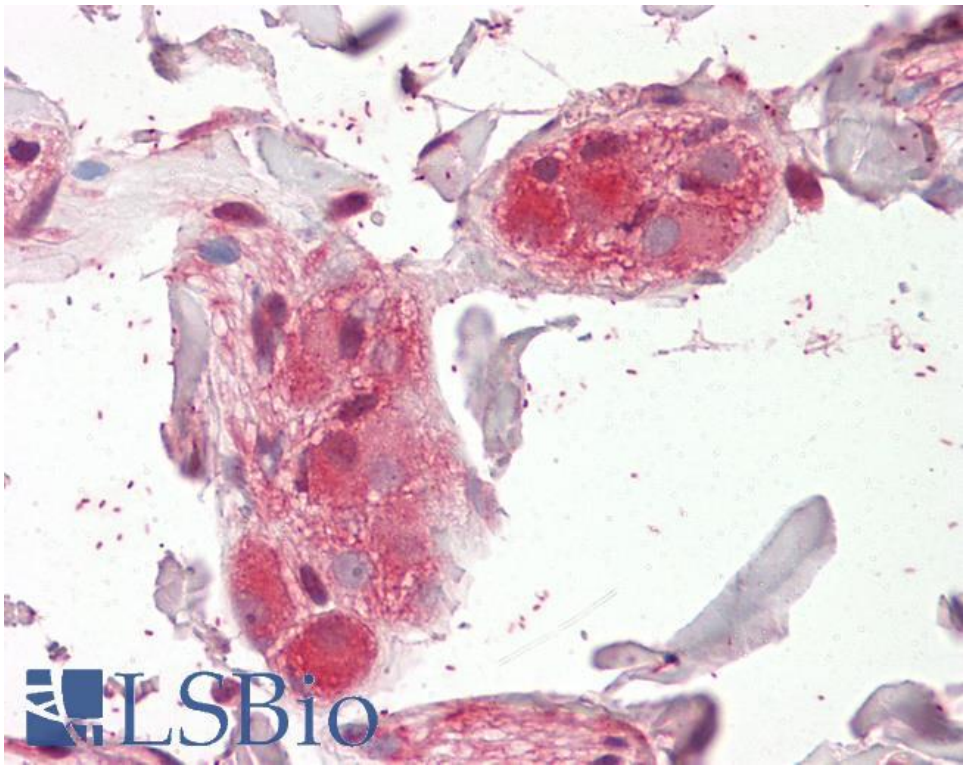
Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx 55kDa band observed in lysates of cell line KELLY (calculated MW of 53.1kDa according to NP_000736.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC: Paraffin embedded Human Colon (submucosal plexus). Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



EB10968 (1µg/ml) staining of KELLY lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10968 (3.75µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.