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EB08479 - Goat Anti-CHRNB4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CHRNB4, cholinergic receptor, nicotinicN: beta 4, Cholinergic receptor, neuronal nicotinic, beta polypeptide-4, cholinergic receptor, nicotinic, beta polypeptide 4,

neuronal nicotinic receptor beta 4 subunit

Official Symbol: CHRNB4

Accession Number(s): NP_000741.1

Human GeneID(s): 1143

Important Comments: The immunizing peptide represents part of the first extracellular

domain (aa22-236).

Immunogen

Peptide with sequence C-DYRLTWNSSRYEGVN, from the internal region of the protein sequence according to NP_000741.1.

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 1:16000.

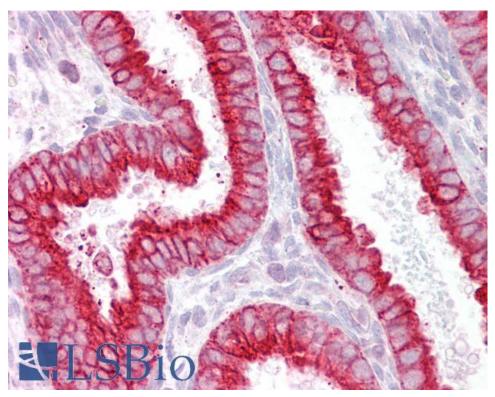
Western blot: Preliminary experiments gave an approx 40kDa band in human testis lysates after 0.2μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 56.4kDa according to NP_000741.1. The 40kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Uterus. Recommended concentration: 2.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow



EB08479 (2.5 μ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.