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diagnostic or therapeutic use.**

EB05583 - Goat Anti-CAPON / NOS1AP Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NOS1AP, CAPON, MGC138500, nitric oxide synthase 1 (neuronal) adaptor protein, 6330408P19Rik, C-terminal PDZ domain ligand of neuronal nitric oxide synthase, C-terminal PDZ domain ligand of neuronal nitric oxide synthase (CAPON), ligand of neuronal nitric oxide synthase with carboxyl-terminal PDZ domain, KIAA0464, CAPON, MGC138500

Official Symbol: NOS1AP

Accession Number(s): NP_055512.1; NP_001158229.1

Human GeneID(s): [9722](#)

Non-Human GeneID(s): 70729 (mouse), 192363 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms.

Immunogen

Peptide with sequence PSKTKYNLVDDGH-C, from the N Terminus of the protein sequence according to NP_055512.1; NP_001158229.1.

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 1:1000.

IHC: In paraffin embedded Human Brain shows localized cytoplasm staining in the neuronal cells. Recommended concentration, 4-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow

EB05583 (4µg/ml) staining of paraffin embedded Human Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9.5, HRP-staining.