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.
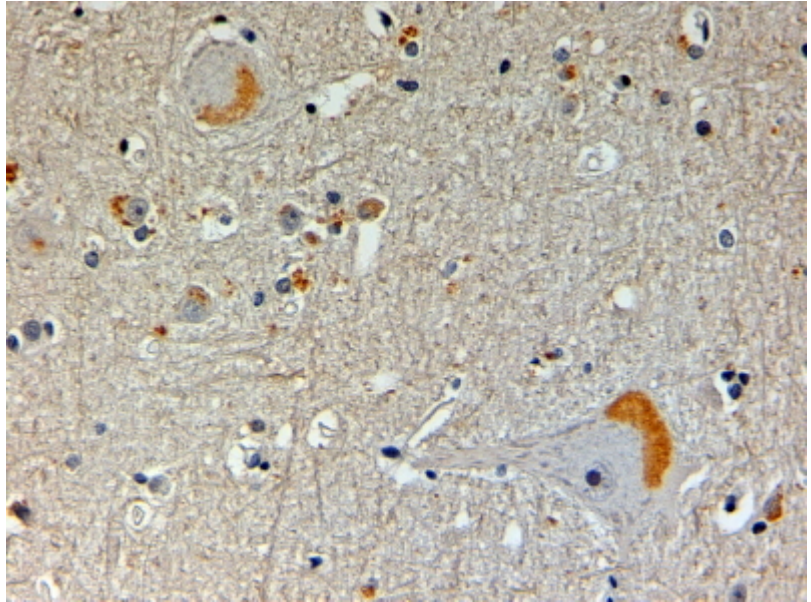Aliquot and store at -20°C. Minimize freezing and thawing.

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.