



## UK Office

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**Research Use Only. Not for  
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

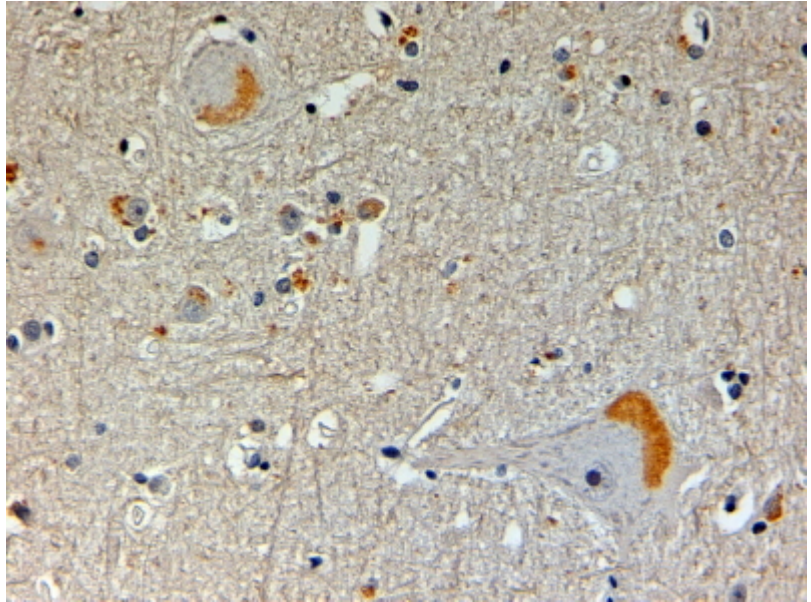
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**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 (4 $\mu$ g/ml) staining of paraffin embedded Human Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9.5, HRP-staining.