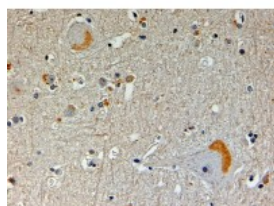




CAPON Antibody

CATALOG NUMBER: 45-357



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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P
APPLICATIONS:	ELISA: antibody detection limit dilution 1:1000. Immunohistochemistry: In paraffin embedded Human Brain shows localized cytoplasm staining in the neuronal cells. Recommended concentration, 4-6ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1304 - Human Liver Tissue Lysate 2) Cat. No. 10-201 - Human Liver Tissue Slide
SPECIFICITY:	This antibody is expected to recognise both reported isoforms.
IMMUNOGEN:	CAPON antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of CAPON.
HOST SPECIES:	Goat

Properties

PURIFICATION:	CAPON antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	CAPON antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	NOS1AP, nitric oxide synthase 1 (neuronal) adaptor protein, CAPON, MGC138500, 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
ACCESSION NO.:	NP_055512.1

PROTEIN GI NO.: 31317301

OFFICIAL SYMBOL: NOS1AP

GENE ID: 9722

Background

REFERENCES: 1) Jaffrey SR, Snowman AM, Eliasson MJ, Cohen NA, Snyder SH. CAPON: a protein associated with neuronal nitric oxide synthase that regulates its interactions with PSD95. Neuron. 1998 Jan;20(1):115-24.

FOR RESEARCH USE ONLY

December 13, 2016