

Datasheet for ABIN334368

anti-NOS1AP antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	NOS1AP
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NOS1AP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CAPON / NOS1AP
Immunogen:	Peptide with sequence PSKTKYNLVDDGH-C, from the N Terminus of the protein sequence according to NP_055512.1, NP_001158229.1.
Sequence:	PSKTKYNLVDDGH
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms.
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

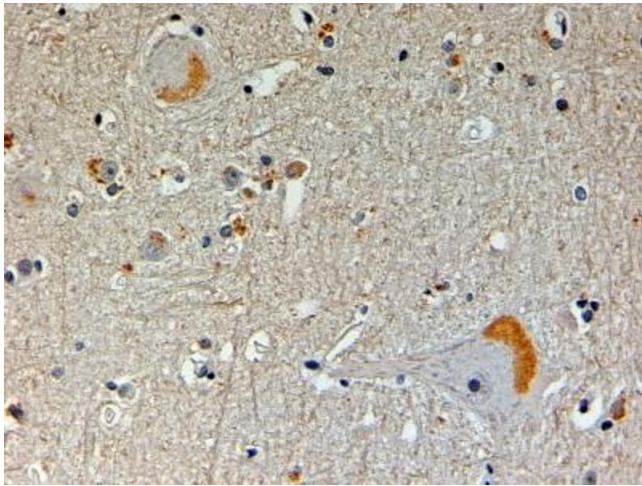
Target:	NOS1AP
Alternative Name:	NOS1AP (NOS1AP Products)
Background:	NOS1AP, CAPON, MGC138500, nitric oxide synthase 1 (neuronal) adaptor protein, 6330408P19Rik, C-terminal PDZ domain ligand of neuronal nitric oxide synthase, C-terminal PDZ domain ligand of neuronal nitric oxide synthase (CAPON), ligand of neuronal nitric
Gene ID:	9722, 70729, 192363
NCBI Accession:	NP_055512 , NP_001158229

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Brain shows localized cytoplasm staining in the neuronal cells. Recommended concentration, 4-6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

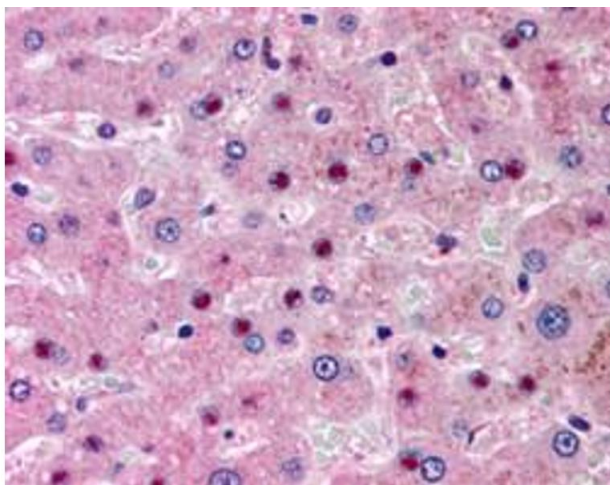
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN334368 (4µg/ml) staining of paraffin embedded Human Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9.5, HRP-staining.



Immunohistochemistry

Image 2. ABIN334368 (5µg/ml) staining of paraffin embedded human liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.