

Datasheet for ABIN185509
anti-NCAM2 antibody (C-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NCAM2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NCAM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	NCAM2 / OCAM
Immunogen:	Peptide with sequence C-KVSNDIIQSKEDDSK, from the C Terminus of the protein sequence according to NP_004531.2.
Sequence:	KVSNDIIQSK EDDSK
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, 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

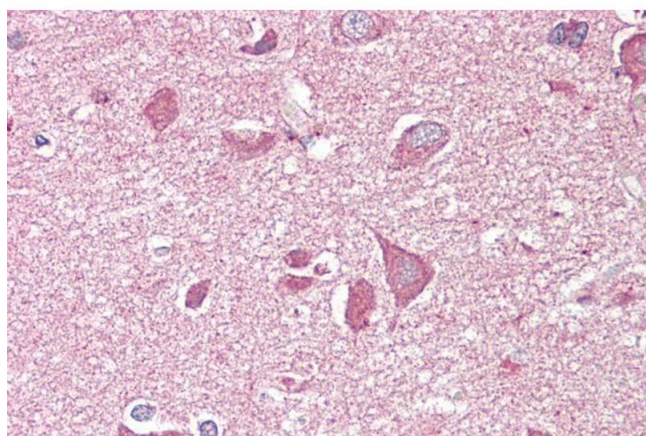
Target:	NCAM2
Alternative Name:	NCAM2 (NCAM2 Products)
Background:	NCAM2, neural cell adhesion molecule 2, HGNC:7657, MGC51008, NCAM21, OCAM
Gene ID:	4685, 17968, 288280
NCBI Accession:	NP_004531

Application Details

Application Notes:	<p>Immunohistochemistry: Frozen section of Olfactory bulb from transcardially PFA-perfused Mouse shows strong staining of axon bundles (right side middle, figure 1) and moderate peripheral staining outside the glomeruli (top, figure 1). NCAM2 (red) is sta</p> <p>Western Blot: This antibody has been successfully used in WB on Mouse in the following papers, PMID: 34299022 and PMID: 32043120.</p> <p>Peptide ELISA: antibody detection limit dilution 1:4000.</p>
Restrictions:	For Research Use only

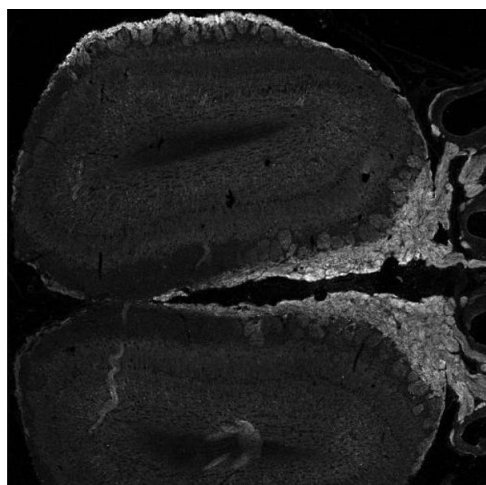
Handling

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.



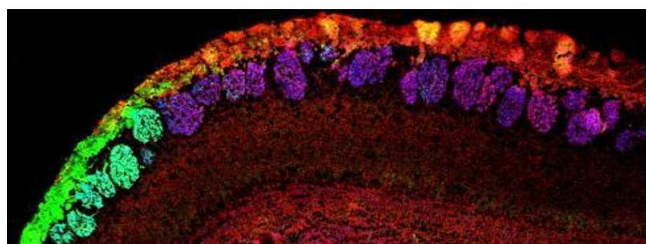
Immunohistochemistry

Image 1. ABIN185509 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry

Image 2. ABIN185509 (0.5µg/ml) 24h-staining of PFA-perfused cryosection of Mouse Olfactory bulb. Antigen retrieval with methanol (-20C, 10min) followed by 1% SDS(10min), IF-staining. Data obtained from customer.



Immunohistochemistry

Image 3. ABIN185509 (0.5µg/ml) 48h-staining of PFA-perfused cryosection of Mouse Olfactory bulb. Antigen retrieval with citrate buffer pH 6 at 95C for 10min, IF-staining for NCAM2 (red), VGLUT2 (blue) and NQO1 (green), data obtained from customer.