Goat anti-NCAM2 / OCAM Antibody

Item Number	dAP-0870
Target Molecule	Principle Name: NCAM2 / OCAM; Official Symbol: NCAM2; All Names and Symbols: NCAM2; neural cell adhesion molecule 2; HGNC:7657; MGC51008; NCAM21; OCAM; Accession Number (s): NP_004531.2; Human Gene ID(s): 4685; Non-Human GeneID(s): 17968 (mouse) 288280 (rat)
Immunogen	KVSNDIIQSKEDDSK, is from C Terminus
Applications	Pep ELISA, IHC

Species Tested: Human, Mouse |
| **Purification** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Supplied As** | lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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. |
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: Preliminary experiments gave an approx 150 and 28kDa bands in Human and Mouse Brain lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calcu
IHC	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
Reference	Reference(s): Beecken WD, Engl T, Ogbomo H, Relja B, Cinatl J, Bereiter-Hahn J, Oppermann E, Jonas D, Blaheta RA. Valproic acid modulates NCAM polysialylation and polysialyltransferase mRNA expression in human tumor cells. Int Immunopharmacol. 2005 Apr;5(4):757-69. .PMID: 15710344 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only