

Product datasheet for **AP32136PU-N**

NCAM2 (C-term) Goat Polyclonal Antibody

Product data:

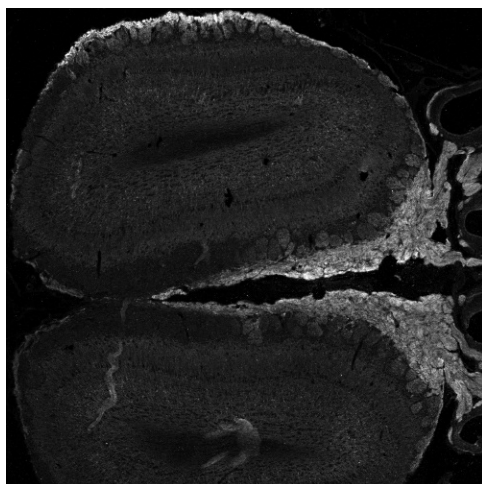
Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Peptide ELISA: 1/4000 (Detection limit). Western blot: Preliminary experiments gave an approx 150 and 28kDa bands in Human and Mouse Brain lysates after 0.1 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 93.0kDa according to NP_004531.2. Both observed bands were successfully blocked by incubation with the immunizing peptide. Immunohistochemistry on Frozen Sections 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 stained complementary to VGLUT2 (blue) and NQO1 (green) in Figure 2 . <i>Recommended Concentration:</i> 0.5 µg/ml. Immunohistochemistry on Paraffin Sections: 3.75 µg/ml. Paraffin embedded Human Brain (Cortex).
Reactivity:	Bovine, Canine, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the C-Terminus of the protein sequence according to NP_004531.2.
Specificity:	This antibody recognizes NCAM2
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide



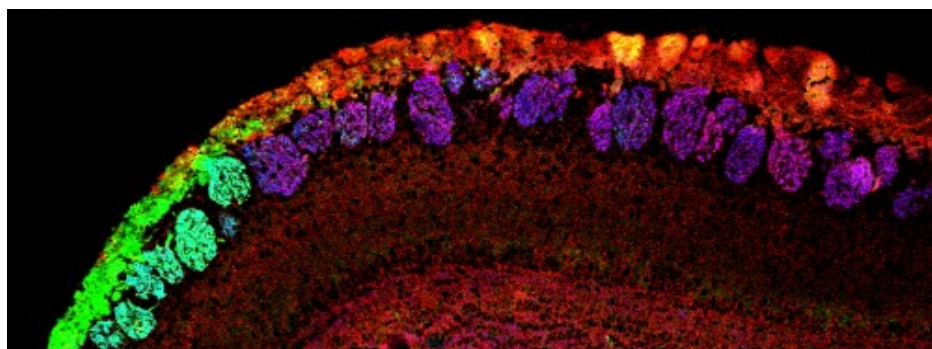
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Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neural cell adhesion molecule 2
Database Link:	Entrez Gene 4685 Human O15394
Synonyms:	NCAM21, N-CAM 2

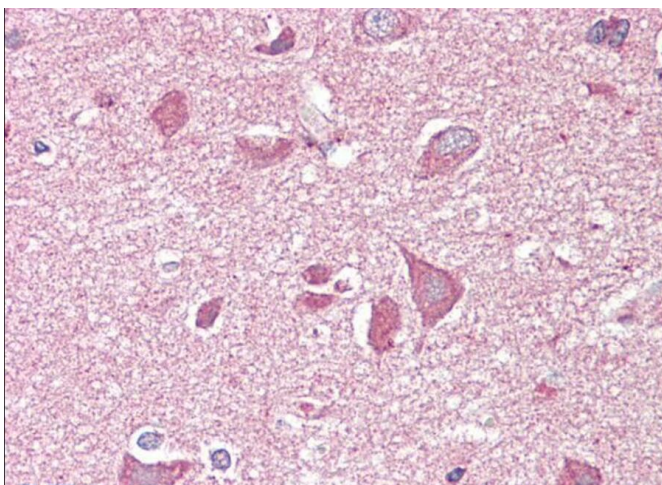
Product images:



AP32136PU-N (0.5ug/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.



AP32136PU-N (0.5ug/ml) 48h-staining of PFA-perfused cryosection of Mouse Olfactory bulb. Antigen retrieval with citrate buffer pH 6 at 95°C for 10min, IF-staining for NCAM2 (red), VGLUT2 (blue) and NQO1 (green), data obtained from customer.



AP32136PU-N (3.75ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.