

Anti-NCAM Rabbit pAb



WL02824

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-NCAM Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
	IHC	1:100-1:400	
	IF	1:200-1:300	
Cellular localization	Secreted and Cell membrane		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background Neural cell adhesion molecule (NCAM), also called CD56, is a homophilic binding glycoprotein expressed on the surface of neurons, glia, skeletal muscle and natural killer cells. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory. NCAM is thought to signal to induce neurite outgrowth via the fibroblast growth factor receptor (FGFR) and act upon the p59Fyn signaling pathway. During hematopoiesis, CD56 is the prototypic marker of NK cells, also present on subset of CD4⁺ T cells and CD8⁺ T cells.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NCAM.

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

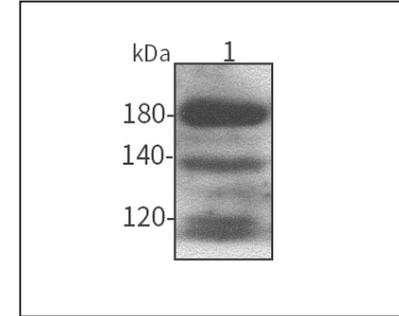
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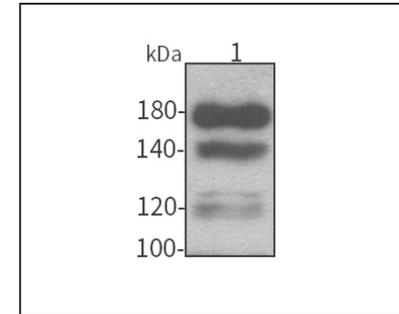
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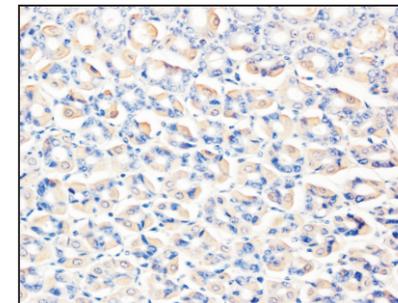
Product Images

**Western blot-Anti-NCAM pAb**

Lane 1: Human SH-SY5Y cell lysate
 All lanes: Anti-NCAM at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 95 kDa
 Observed band size: 120,140,180 kDa

**Western blot-Anti-NCAM pAb**

Lane 1: Mouse brain tissue lysate
 All lanes: Anti-NCAM at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 95 kDa
 Observed band size: 120,140,180 kDa

**Immunohistochemistry-Anti-NCAM pAb**

Immunohistochemical analysis of paraffin-embedded mouse stomach using anti-NCAM Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

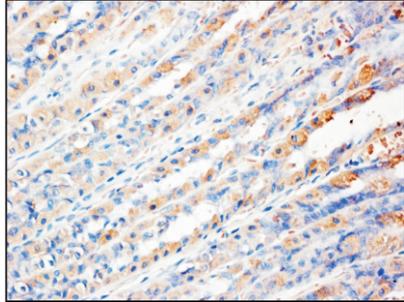
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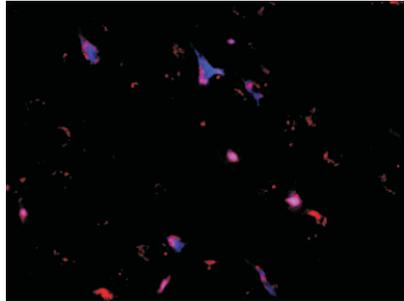
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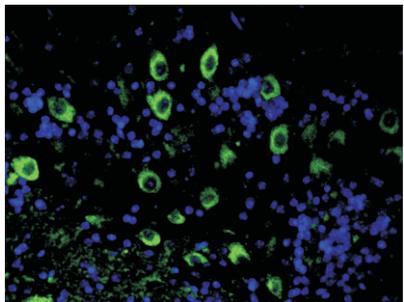
Immunohistochemistry-Anti-NCAM pAb

Immunohistochemical analysis of paraffin-embedded rat stomach using anti-NCAM Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-NCAM pAb

Immunofluorescence analysis of paraffin-embedded human brain glioma using anti-NCAM Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-NCAM pAb

Immunofluorescence analysis of paraffin-embedded mouse cerebellum using anti-NCAM Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

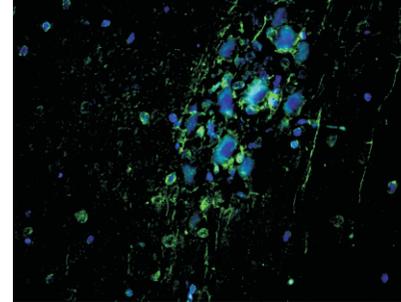
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Immunofluorescence-Anti-NCAM pAb

Immunofluorescence analysis of paraffin-embedded rat cerebellum using anti-NCAM Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0