

Product Datasheet

Anti-NCAM Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL02824

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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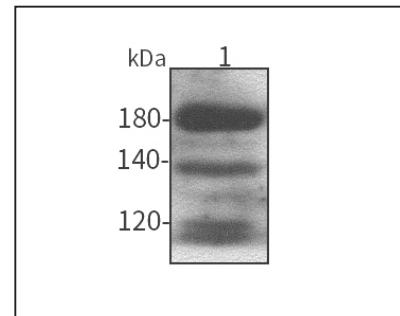
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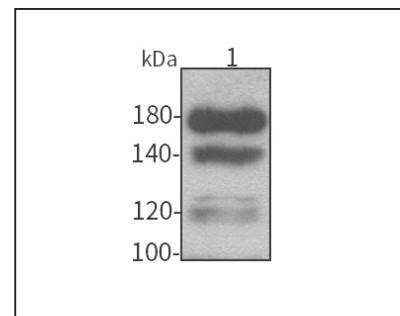
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Product Images



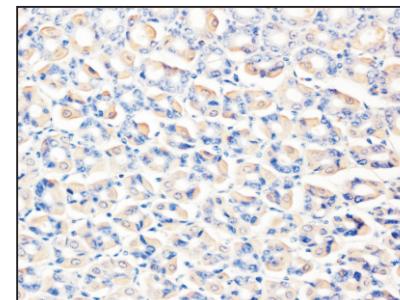
Western blot-Anti-NCAM pAb

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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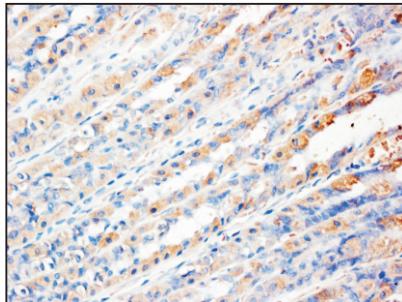
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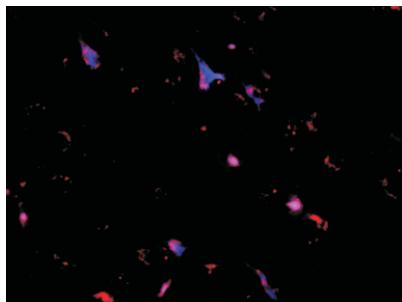
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Immunohistochemistry-Anti-NCAM pAb

Immunohistochemical analysis of paraffin-embedded rat stomach using anti-NCAM Rabbit Antibody at 1:200 dilution.

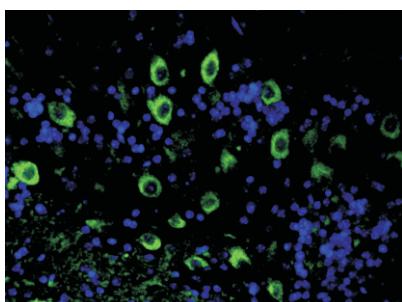
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



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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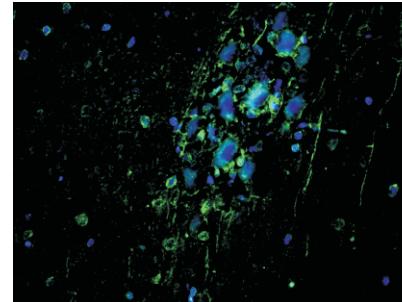
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Immunofluorescence-Anti-NCAM pAb

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