



CD56 Polyclonal Antibody

Catalog No	YP-Ab-14091
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	NCAM1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human NCAM1. AA range:250-300
Specificity	CD56 Polyclonal Antibody detects endogenous levels of CD56 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD56;NCAM1;Neural cell adhesion molecule 1;NCAM;N-CAM-1;NCAM-1
Observed Band	94kD
Calculated Molecular Weight	94kD
Cell Pathway	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Cell membrane; Single-pass type I membrane protein.; [Isoform 3]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform 4]: Cell membrane ; Lipid-anchor, GPI-anchor .; [Isoform 5]: Secreted.; [Isoform 6]: Secreted .
Tissue Specificity	Brain,Brain cortex,Kidney,Ovary,Plasma,Skeletal muscle,Testis,
Function	function:This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.,online information:N-CAM 140,online information:NCAM entry,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,
Background	This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in



development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011],

matters needing attention

Avoid repeated freezing and thawing!

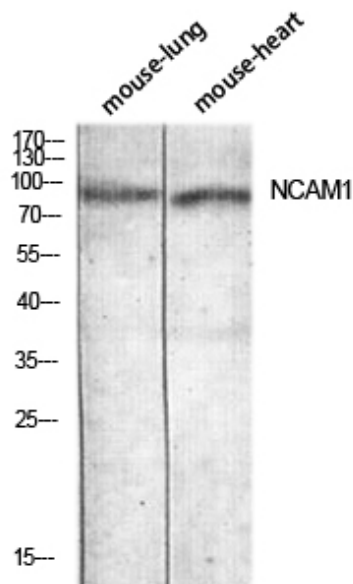
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

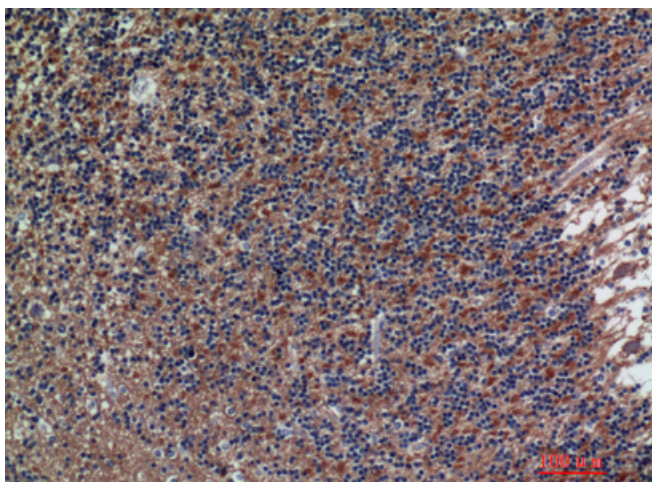


Products Images

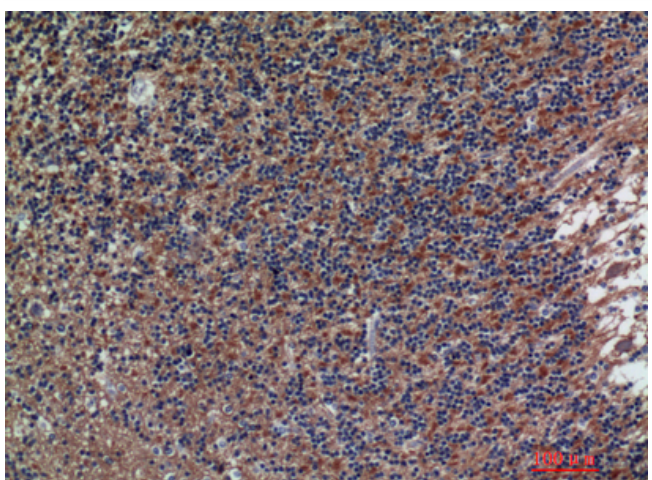
Western blot analysis of mouse-lung mouse-heart lysis using NCAM1 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

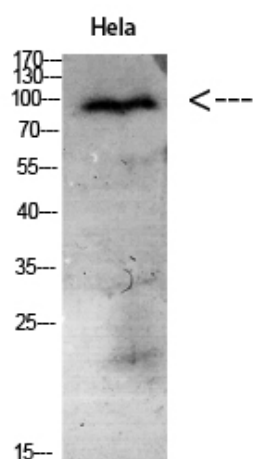
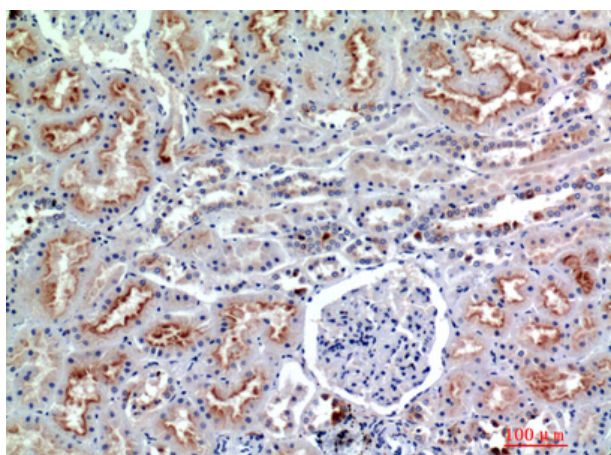


Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200





Western Blot analysis of Hela cells using Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000