

CD56 Polyclonal Antibody

Catalog No :	YT5708
Reactivity :	Human
Applications :	WB;IF;ELISA
Target :	CD56
Fields :	>>Cell adhesion molecules;>>Prion disease
Gene Name :	NCAM1
Protein Name :	Neural cell adhesion molecule 1
Human Gene Id :	4684
Human Swiss Prot No :	P13591
Mouse Swiss Prot No :	P13595
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
Dilution :	WB 1:500 - 1:2000;ELISA: 1:10000;IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 94kD

Cell Pathway : Cell adhesion molecules (CAMs);Prion diseases;

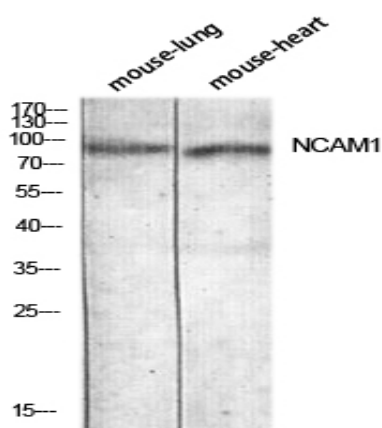
Background : This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development 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],

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.,

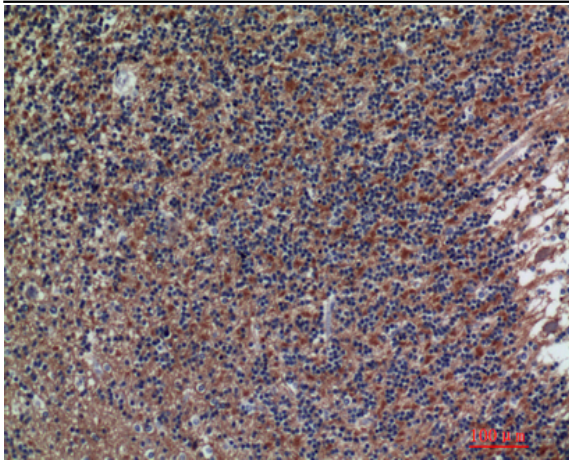
Subcellular Location : [Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Cell membrane; Single-pass type I membrane protein.; [Isoform 3]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform 4]: Cell membrane ; Lipid-anchor, GPI-anchor .; [Isoform 5]: Secreted.; [Isoform 6]: Secreted .

Expression : Brain,Brain cortex,Kidney,Ovary,Plasma,Skeletal muscle,Testis,

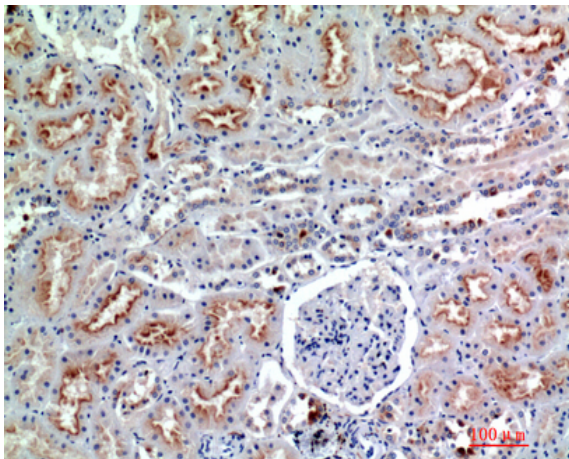
Products Images



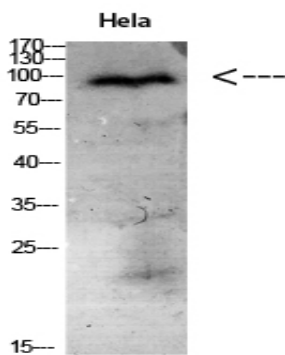
Western blot analysis of mouse-lung and mouse-heart lysis using NCAM1 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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