

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NCAM1/CD56



Numéro de catalogue: 14255-1-AP

Phare

41 Publications

Informations de base

Numéro de catalogue: 14255-1-AP	Numéro d'acquisition GenBank: BC047244	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 4684	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:2000-1:20000
Hôte: Lapin	Nom complet: neural cell adhesion molecule 1	
Isotype: IgG	MW calculé: 95 kDa	
Immunogen Catalog Number: AG5528	MW observés: 120 kDa, 140 kDa, 180 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, porc, rat, souris

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de porc, tissu cérébral de rat, tissu de cervelet de souris

IHC : tissu de cancer du poumon humain, tissu cérébral de rat, tissu cérébral de souris, tissu d'amygdalite humaine, tissu d'appendicite humaine, tissu de côlon humain, tissu de gliome humain, tissu d'insulinome

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

Neural cell adhesion molecule 1 (NCAM1, also known as CD56) is a cell adhesion glycoprotein of the immunoglobulin (Ig) superfamily. It is a multifunction protein involved in synaptic plasticity, neurodevelopment, and neurogenesis. NCAM1 is expressed on human neurons, glial cells, skeletal muscle cells, NK cells and a subset of T cells, and the expression is observed in a wide variety of human tumors, including myeloma, myeloid leukemia, neuroendocrine tumors, Wilms' tumor, neuroblastoma, and NK/T cell lymphomas. Three major isoforms of NCAM1, with molecular masses of 120, 140, and 180 kDa, are generated by alternative splicing of mRNA (PMID: 9696812). The glycosylphosphatidylinositol (GPI)-anchored NCAM120 and the transmembrane NCAM140 and NCAM180 consist of five Ig-like domains and two fibronectin-type III repeats (FNIII). All three forms can be posttranslationally modified by a addition of polysialic acid (PSA) (PMID: 14976519). Several other isoforms have also been described (PMID: 1856291).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yanping Li	36213822	J Oncol	IF
Shaolong Li	30264546	Cancer Sci	IHC
Ashley Gillon	26385499	Biogerontology	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

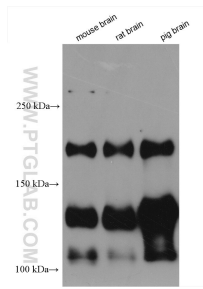
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

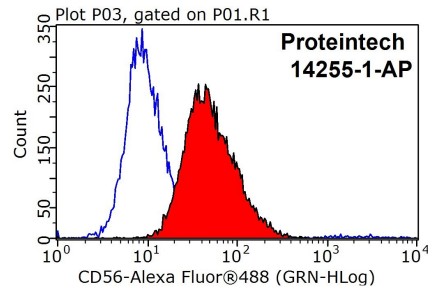
E: proteintech@ptglab.com
W: ptglab.com

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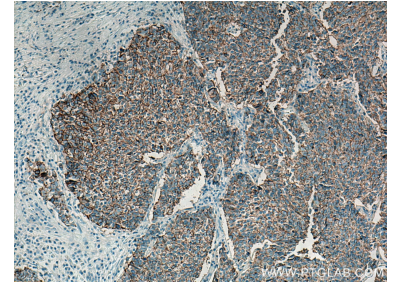
Données de validation sélectionnées



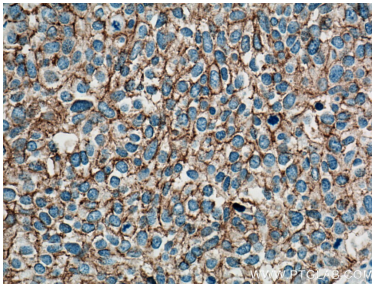
Various lysates were subjected to SDS PAGE followed by western blot with 14255-1-AP (NCAM1/CD56 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



1X10⁶ SH-SY5Y cells were stained with 0.2ug NCAM1/CD56 antibody (14255-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunohistochemical analysis of paraffin-embedded human small cell lung carcinoma tissue slide using 14255-1-AP (NCAM1/CD56 antibody) at dilution of 1:16000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human small cell lung carcinoma slide using 14255-1-AP (NCAM1/CD56 antibody) at dilution of 1:16000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).