

For Research Use Only

NRCAM Recombinant antibody, PBS Only

Catalog Number: 84690-1-PBS



Basic Information

Catalog Number: 84690-1-PBS	GenBank Accession Number: BC098401	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4897	CloneNo.: 241862G1
Source: Rabbit	UNIPROT ID: Q92823	
Isotype: IgG	Full Name: neuronal cell adhesion molecule	
Immunogen Catalog Number: AG16237	Calculated MW: 1304 aa, 144 kDa	
	Observed MW: 144 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Neuronal cell adhesion molecule (NRCAM) is a member of the L1 subfamily of cell adhesion molecules (CAMs) that belong to the immunoglobulin superfamily (PMID: 11329126). NRCAM is a transmembrane protein composed of six Ig-like domains and five fibronectin type-III repeats in the extracellular region, with a highly conserved cytoplasmic tail. It is mainly expressed in the nervous system and is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. NRCAM is also expressed outside the nervous system. Altered expression of NRCAM has been associated with tumor progression in diverse organs (PMID: 22182708).

Storage

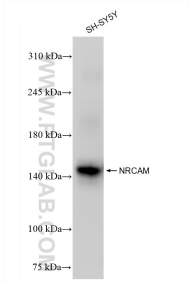
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

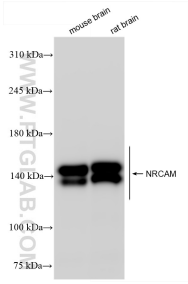
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

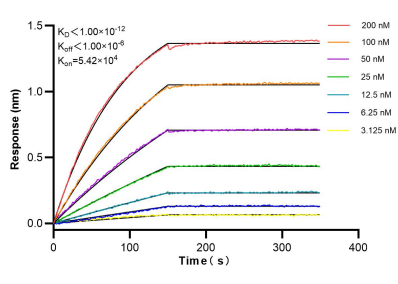
Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 84690-1-RR (NRCAM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84690-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 84690-1-RR (NRCAM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84690-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84690-1-RR against Human NRCAM were performed. The affinity constant is below 1 pM.