

For Research Use Only

# NETO2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84222-2-PBS



## Basic Information

Catalog Number: 84222-2-PBS	GenBank Accession Number: BC012381	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 81831	CloneNo.: 241451E10
Source: Rabbit	UNIPROT ID: Q8NC67	
Isotype: IgG	Full Name: neuropilin (NRP) and tolloid (TLL)-like 2	
Immunogen Catalog Number: AG2971	Calculated MW: 525 aa, 59 kDa	
	Observed MW: 59 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Neuropilin and tolloid-like 2 (NETO2), a member of the subfamily of CUB domain and LDLa-containing proteins, was identified as an auxiliary protein of neuronal kainate receptors (KARs) and played critical roles in regulating the functions of KARs. It was also able to bind to the active oligomeric form of K<sup>+</sup>-Cl<sup>-</sup> cotransporter (KCC2) to enhance its recycling in hippocampal neurons. Recently, elevated mRNA levels of NETO2 were detected in several types of tumors.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

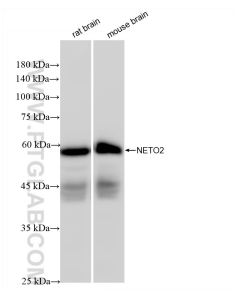
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

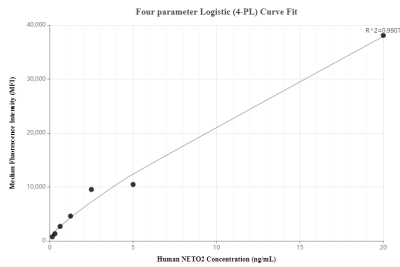
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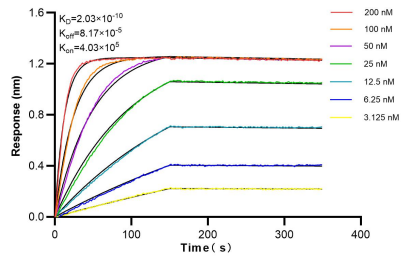
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84222-2-RR (NETO2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84222-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01159-2, NETO2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84222-2-PBS. Detection antibody: 84222-4-PBS. Standard: Ag2971. Range: 0.156-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84222-2-RR against Human NETO2 were performed. The affinity constant is 0.203 nM.