

For Research Use Only

TRNP1 Recombinant antibody, PBS Only

Catalog Number: 83410-4-PBS



Basic Information

Catalog Number: 83410-4-PBS	GenBank Accession Number: BC069216	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 388610	CloneNo.: 240331B6
Source: Rabbit	UNIPROT ID: Q6NT89	
Isotype: IgG	Full Name: TMF1-regulated nuclear protein 1	
Immunogen Catalog Number: AG22504	Calculated MW: 227 aa, 23 kDa	

Applications

Tested Applications:
IHC, IF/ICC, IF-P, ELISA

Species Specificity:
human

Background Information

TRNP1 (TMF-regulated nuclear protein 1), also called C1orf225, is a DNA-binding factor that regulates the expression of a subset of genes and plays a key role in tangential, radial, and lateral expansion of the brain neocortex (PMID: 27264089; 23622239; 36947129). It has been shown to exert potent roles in neural development affecting neural stem cell self-renewal and brain folding (PMID: 32627867). It may also control the proliferation rate of cells by regulating their progression through key cell-cycle transition points.

Storage

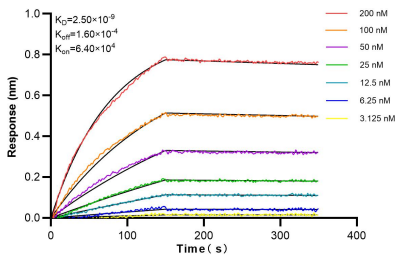
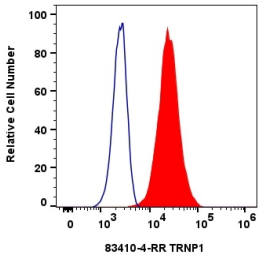
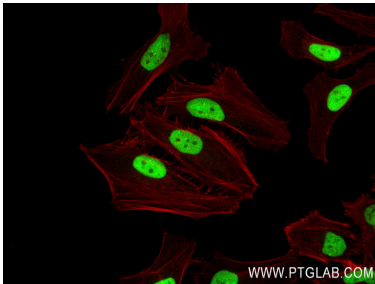
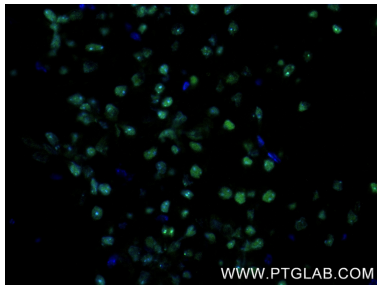
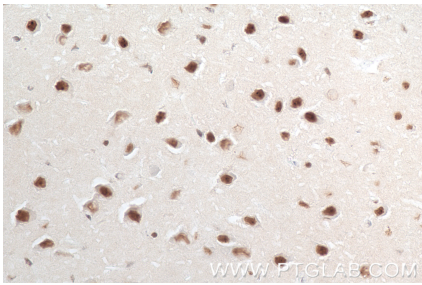
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug TRNP1 Recombinant antibody (83410-4-RR, Clone:240331B6) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83410-4-PBS



Bi-layer interferometry (BLI) kinetic assays of 83410-4-RR against Human TRNP1 were performed. The affinity constant is 2.5 nM.