

For Research Use Only

RNF6 Recombinant monoclonal antibody, PBS Only

Catalog Number:87086-1-PBS



Basic Information

Catalog Number: 87086-1-PBS	GenBank Accession Number: BC034688	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 6049	CloneNo.: 252272C7
Isotype: IgG	UNIPROT ID: Q9Y252	
Immunogen Catalog Number: AG14209	Full Name: ring finger protein (C3H2C3 type) 6	
	Calculated MW: 685 aa, 78 kDa	
	Observed MW: 75-78 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, rat

Background Information

RNF6 was firstly cloned in a genetic study of chromosomal rearrangements in myeloproliferative disorders, mapping to chromosome 13q12.12 [PMID:10331950]. It containing a coiled-coil domain at the N-terminus, and a RING-H2 finger at the C-terminus which is responsible for its ubiquitin ligase activity. It also activate Inha gene expression by participating in a protein complex binding to the promoter region [PMID:11971979]. In addition, LIMK1 is a substrate of RNF6 and the RNF6-induced LIMK1 polyubiquitination is mediated via K48 of ubiquitin and leads to proteasomal degradation of the kinase [PMID:16204183].

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, pH7.3

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

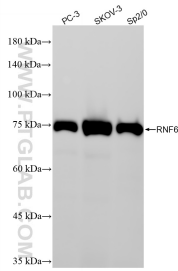
T: 4006900926

E: Proteintech-CN@ptglab.com

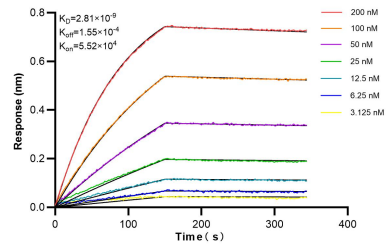
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87086-1-RR (RNF6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87086-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87086-1-RR against Human RNF6 were performed. The affinity constant is 2.81 nM.