

For Research Use Only

CNKSR2 Recombinant antibody

Catalog Number: 83354-3-RR



Basic Information

Catalog Number: 83354-3-RR	GenBank Accession Number: BC126121	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 22866	CloneNo.: 240350D6
Source: Rabbit	UNIPROT ID: Q8WXI2	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: connector enhancer of kinase suppressor of Ras 2	
Immunogen Catalog Number: AG21174	Calculated MW: 1034 aa, 118 kDa	
	Observed MW: 118 kDa, 102 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : A549 cells, Jurkat cells, MDA-MB-231 cells, U-251 cells, mouse brain tissue, U-87 MG cells, SK-BR-3 cells
Species Specificity: human, mouse	

Background Information

CNKSR2 is a multidomain protein that functions as a scaffold protein to mediate the mitogen-activated protein kinase pathways downstream from Ras. This gene product is induced by vitamin D and inhibits apoptosis in certain cancer cells. It may also play a role in ternary complex assembly of synaptic proteins at the postsynaptic membrane and coupling of signal transduction to membrane/cytoskeletal remodeling.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

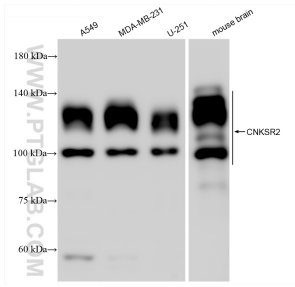
T: 4006900926

E: Proteintech-CN@ptglab.com

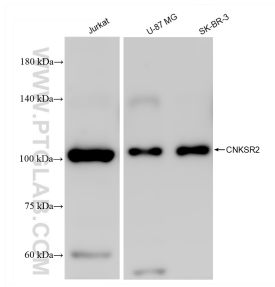
W: ptgcn.com

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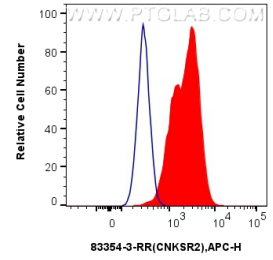
Selected Validation Data



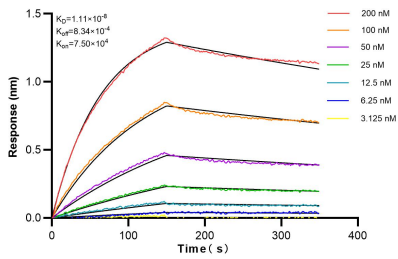
Various lysates were subjected to SDS PAGE followed by western blot with 83354-3-RR (CNKSR2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug CNKSR2 Recombinant antibody (83354-3-RR, Clone:240350D6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83354-3-RR against Human CNKSR2 were performed. The affinity constant is 11.1 nM.