

For Research Use Only

STAC2 Recombinant monoclonal antibody

Catalog Number: 87115-2-RR



Basic Information

Catalog Number: 87115-2-RR	GenBank Accession Number: BC109231	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 342667	CloneNo.: 251759B12
Isotype: IgG	UNIPROT ID: Q6ZMT1	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG16601	Full Name: SH3 and cysteine rich domain 2	
	Calculated MW: 411 aa, 45 kDa	
	Observed MW: 55-57 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells, K-562 cells, THP-1 cells
Species Specificity: human	

Background Information

STAC2 (Src homology 3 and cysteine-rich domain 2) contains an SH3 domain and a zinc finger domain. STAC2 has been shown to negatively regulate osteoclast formation by targeting the RANK signaling complex. This mechanism involves inhibiting the formation of complexes containing Gab2 and PLC γ 2, thereby suppressing NF- κ B and MAPK signaling pathways.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

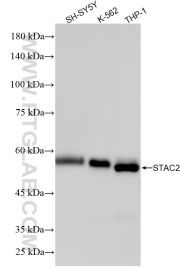
T: 4006900926

E: Proteintech-CN@ptglab.com

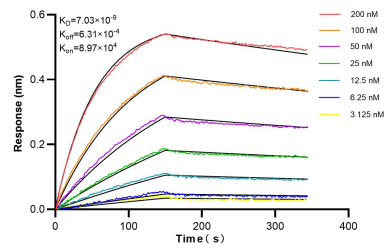
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87115-2-RR (STAC2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87115-2-RR against Human STAC2 were performed. The affinity constant is 7.03 nM.