

For Research Use Only

STAC2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87115-2-PBS



Basic Information

Catalog Number:

87115-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16601

GenBank Accession Number:

BC109231

GeneID (NCBI):

342667

UNIPROT ID:

Q6ZMT1

Full Name:

SH3 and cysteine rich domain 2

Calculated MW:

411 aa, 45 kDa

Observed MW:

55-57 kDa

Purification Method:

Protein A purification

CloneNo.:

251759B12

Applications

Tested Applications:

WB, Indirect ELISA

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 -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:

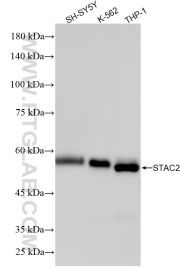
T: 4006900926

E: Proteintech-CN@ptglab.com

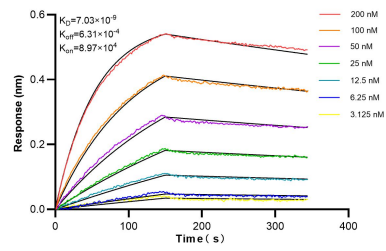
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87115-2-RR (STAC2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87115-2-PBS in a different storage buffer formulation.



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