

Product Datasheet

TBC1D4 [p Thr642] Antibody (JE60-97) NBP3-32749

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32749

TBC1D4 [p Thr642] Antibody (JE60-97)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE60-97
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	147 kDa

Product Description	
Host	Rabbit
Gene ID	9882
Gene Symbol	TBC1D4
Species	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Thr642 of human TBC1D4 protein. (Uniprot: O60343)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: TBC1D4 [p Thr642] Antibody (JE60-97) [NBP3-32749] - Western blot analysis of TBC1D4 on different lysates with Rabbit anti-TBC1D4 antibody (NBP3-32749) at 1/1,000 dilution.

Lane 1: NIH/3T3 cell lysate

Lane 2: NIH/3T3 starve overnight then treated with 100nM Calyculin A for 50 minutes add 100ng/mL insulin for 20 minutes cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 147 kDa

Observed band size: 160 kDa

Exposure time: 25 seconds;

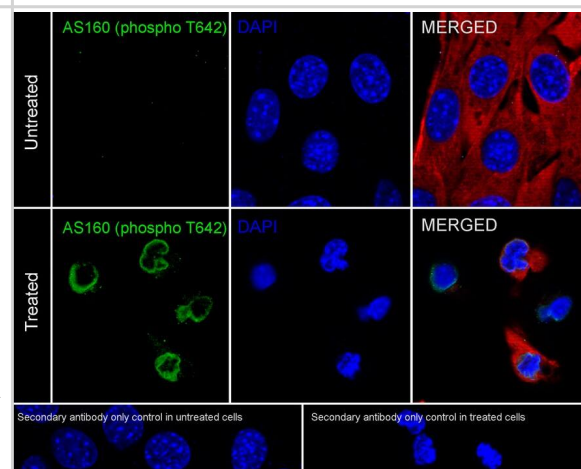
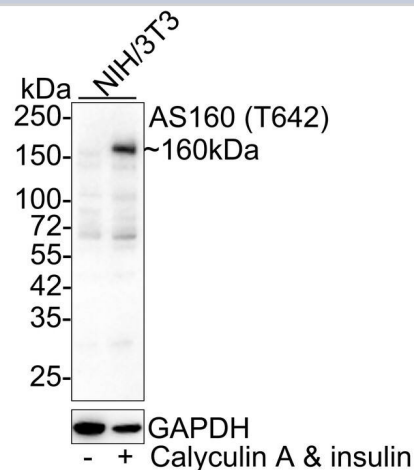
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32749) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: TBC1D4 [p Thr642] Antibody (JE60-97) [NBP3-32749] - Immunocytochemistry analysis of NIH/3T3 cells starved overnight then treated with or without 100nM Calyculin A for 50 minutes add 100ng/mL insulin for 20 minutes labeling TBC1D4 with Rabbit anti-TBC1D4 antibody (NBP3-32749) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-TBC1D4 antibody (NBP3-32749) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32749

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38880PEP	TBC1D4 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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