

Rabbit ACK1 Polyclonal Antibody | anti-TNK2 antibody

Anti-ACK1 (pY284) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260165	Rabbit	Human, Mouse, Rat, Bovine, Porcine	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ACK1; Polyclonal Antibody; Anti-ACK1 (pY284) Phospho Antibody; Activated CDC42 kinase 1; ACK-1; Tyrosine kinase non-receptor protein 2; anti-TNK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Porcine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ACK1 (pY284) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1086
Applicable Applications for anti-TNK2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACK1 (pY284). The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



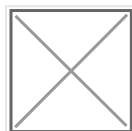
IF (Immunofluorescence)

Immunofluorescent analysis of ACK1 (pY284) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of ACK1 (pY284) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ACK1 (pY284) expression in SHSY5Y (A), HeLa (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TNK2 antibody	Rabbit polyclonal antibody to ACK1 (pY284)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58331191
NCBI GeneID	10188
NCBI Accession #	NP_001010938.1
NCBI GenBank Nucleotide #	NM_001010938.1
UniProt Accession #	Q07912; Q6ZMQ0; Q8N6U7; Q96H59
Molecular Weight	119,349 Da
NCBI Official Full Name	activated CDC42 kinase 1 isoform 2
NCBI Official Synonym Full Names	tyrosine kinase, non-receptor, 2
NCBI Official Symbol	TNK2
NCBI Official Synonym Symbols	ACK; ACK1; ACK-1; p21cdc42Hs
NCBI Protein Information	activated CDC42 kinase 1
UniProt Protein Name	Activated CDC42 kinase 1
UniProt Gene Name	TNK2
UniProt Synonym Gene Names	ACK1; ACK-1
UniProt Entry Name	ACK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ack1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260165>