

Rabbit anti-Human, Mouse ACK1 Polyclonal Antibody | anti-ACK1 antibody

ACK1 (Phospho-Tyr284) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316241	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

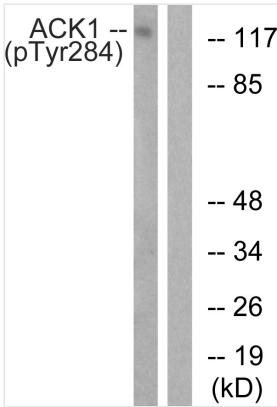
PRODUCT SYNONYMS

ACK1; Polyclonal Antibody; ACK1 (Phospho-Tyr284) Antibody; Activated p21cdc42Hs kinase; Non-receptor protein tyrosine kinase Ack; TNK2; kinase ACK1; anti-ACK1 antibody

PRODUCT SPECIFICATIONS

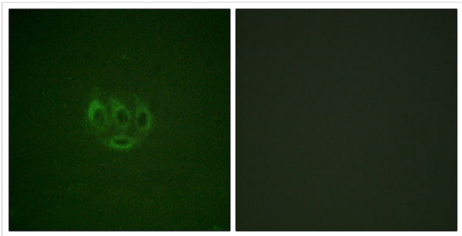
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	ACK1 (Phospho-Tyr284) Antibody detects endogenous levels of ACK1 only when phosphorylated at Tyr284.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,086
Applicable Applications for anti-ACK1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y284; M:Y284
Immunogen	The antiserum was produced against synthesized peptide derived from human ACK1 around the phosphorylation site of Tyr284.
Immunogen Range	250-299
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



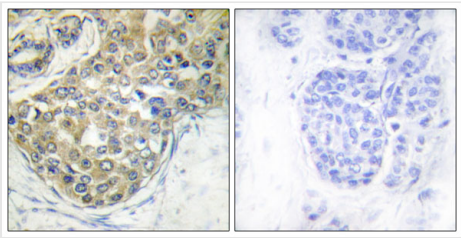
WB (Western Blot)

Western blot analysis of lysates from HepG2 cells treated with EGF 200ng/ml 30', using ACK1 (Phospho-Tyr284) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using ACK1 (Phospho-Tyr284) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using ACK1 (Phospho-Tyr284) Antibody. The picture on the right is blocked with the phospho peptide.

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	114 kDa
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

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.