

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

ACK1 (Phospho-Tyr284) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA267465	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

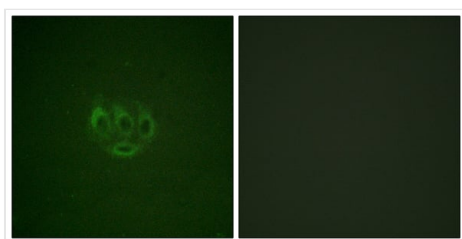
PRODUCT SYNONYMS

ACK1; ACK1 (Phospho-Tyr284) Antibody; Activated p21cdc42Hs kinase; EC 2.7.10.2; Non-receptor protein tyrosine kinase Ack; TNK2; kinase ACK1; anti-ACK1 antibody

PRODUCT SPECIFICATIONS

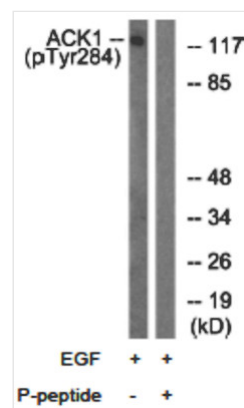
Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Specificity	ACK1 (Phospho-Tyr284) antibody detects endogenous levels of ACK1 only when phosphorylated at tyrosine 284.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1086
Applicable Applications for anti-ACK1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ACK1 around the phosphorylation site of tyrosine 284 (D-H-YP-V-M).
All Sites	Human: Tyr284 Mouse: Tyr284
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



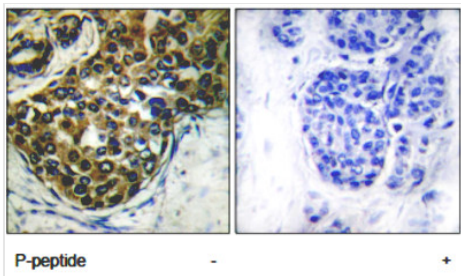
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of A549 cells, using ACK1 (Phospho-Tyr284) antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, treated with EGF (200ng/ml, 30mins), using ACK1(Phospho-Tyr284) antibody.



Application Data

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ACK1 (Phospho-Tyr284) antibody.

ADDITIONAL INFORMATION

References	Manser E., Nature 363:364-367(1993). Ota T., Nat. Genet. 36:40-45(2004). Eisenmann K.M., Nat. Cell Biol. 1:507-513(1999).
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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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-antibody/ack1/267465>