



# ACK rabbit pAb

Cat No.:ES4435

For research use only

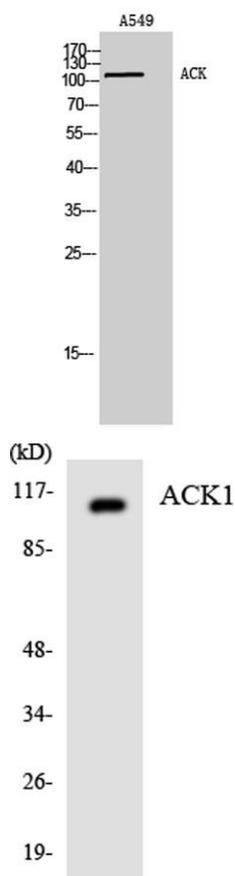
## Overview

<b>Product Name</b>	ACK rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ACK1. AA range:250-299
<b>Specificity</b>	ACK Polyclonal Antibody detects endogenous levels of ACK protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Activated CDC42 kinase 1
<b>Gene Name</b>	TNK2
<b>Cellular localization</b>	Cell membrane . Nucleus . Endosome . Cell junction, adherens junction . Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side . Cytoplasmic vesicle, clathrin-coated vesicle . Membrane, clathrin-coated pit . Cytoplasm, perinuclear reg
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	115kD
<b>Human Gene ID</b>	10188
<b>Human Swiss-Prot Number</b>	Q07912
<b>Alternative Names</b>	TNK2; ACK1; Activated CDC42 kinase 1; ACK-1; Tyrosine kinase non-receptor protein 2
<b>Background</b>	This gene encodes a tyrosine kinase that binds





Cdc42Hs in its GTP-bound form and inhibits both the intrinsic and GTPase-activating protein (GAP)-stimulated GTPase activity of Cdc42Hs. This binding is mediated by a unique sequence of 47 amino acids C-terminal to an SH3 domain. The protein may be involved in a regulatory mechanism that sustains the GTP-bound active form of Cdc42Hs and which is directly linked to a tyrosine phosphorylation signal transduction pathway. Several alternatively spliced transcript variants have been identified from this gene, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq, Jul 2008],



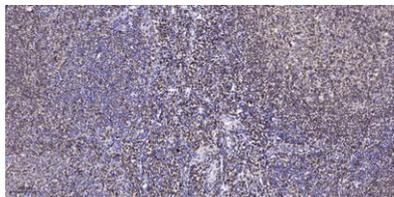
Western Blot analysis of A549 cells using ACK Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Western blot analysis of the lysates from COLO205 cells using ACK1 antibody.





**ELK Biotechnology**



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C