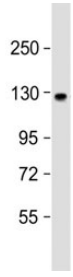
ACK1 Antibody / Activated CDC42 kinase 1 (F50698)

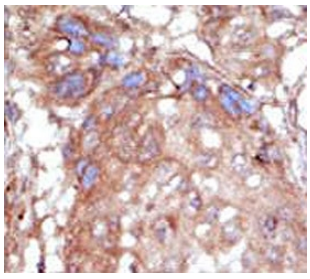
Catalog No.	Formulation	Size
F50698-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50698-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q07912
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1000 IHC (Paraffin) : 1:50-1:100
Limitations	This ACK1 antibody is available for research use only.



Western blot testing of human brain lysate with ACK1 antibody at 1:1000. Predicted molecular weight ~114 kDa.



IHC analysis of FFPE human hepatocarcinoma tissue stained with the ACK1 antibody

Description

Activated CDC42 kinase 1 is 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.

Application Notes

Titration of the ACK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 934-964 from the human protein was used as the immunogen for this ACK1 antibody.

Storage

Aliquot the ACK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.