antibodies -online.com







anti-TNK2 antibody (AA 301-420)





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Quantity:	100 μL
Target:	TNK2
Binding Specificity:	AA 301-420
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Ack1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target: TNK2

Target Details

Restrictions:

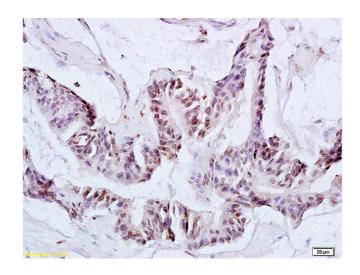
Alternative Name:	Ack1 (TNK2 Products)	
Background:	Synonyms: ACK, ACK1, ACK-1, p21cdc42Hs, Activated CDC42 kinase 1, Tyrosine kinase non-	
	receptor protein 2, TNK2	
	Background: Non-receptor tyrosine-protein and serine/threonine-protein kinase that is	
	implicated in cell spreading and migration, cell survival, cell growth and proliferation.	
	Transduces extracellular signals to cytosolic and nuclear effectors. Phosphorylates AKT1, AR,	
	MCF2, WASL and WWOX. Implicated in trafficking and clathrin-mediated endocytosis through	
	binding to epidermal growth factor receptor (EGFR) and clathrin. Binds to both poly- and mono-	
	ubiquitin and regulates ligand-induced degradation of EGFR, thereby contributing to the	
	accumulation of EGFR at the limiting membrane of early endosomes. Downstream effector of	
	CDC42 which mediates CDC42-dependent cell migration via phosphorylation of BCAR1. May be	
	involved both in adult synaptic function and plasticity and in brain development. Activates AKT1	
	by phosphorylating it on 'Tyr-176'. Phosphorylates AR on 'Tyr-267' and 'Tyr-363' thereby	
	promoting its recruitment to androgen-responsive enhancers (AREs). Phosphorylates WWOX	
	on 'Tyr-287'. Phosphorylates MCF2, thereby enhancing its activity as a guanine nucleotide	
	exchange factor (GEF) toward Rho family proteins. Contributes to the control of AXL receptor	
	levels. Confers metastatic properties on cancer cells and promotes tumor growth by negatively	
	regulating tumor suppressor such as WWOX and positively regulating pro-survival factors such	
	as AKT1 and AR.	
Gene ID:	10188	
UniProt:	Q07912	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	

For Research Use only

Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-Ack1 Polyclonal Antibody, Unconjugated (ABIN673659) at 1:200 followed by conjugation to the secondary antibody and DAB staining.