

ACK (phospho Tyr284) Rabbit Polyclonal Antibody

Catalog# UZ-PA00249

Product information

产品货号	UZ-PA00249
别名	TNK2; ACK1; Activated CDC42 kinase 1; ACK-1; Tyrosine kinase non-receptor protein 2
产品名称	ACK (phospho Tyr284) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	TNK2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	10188
Human Swissprot No.	Q07912
免疫原	The antiserum was produced against synthesized peptide derived from human ACK1 around the phosphorylation site of Tyr284. AA range:250-299
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:10000 .Not yet tested in other applications.
预测分子量	120kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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],
细胞定位	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 region . Cytoplasm, cytosol . The Tyr-284 phosphorylated form is found both in the membrane and nucleus (By similarity). Co-localizes with EGFR on endosomes (PubMed:20333297). Nuclear translocation is CDC42-dependent (By similarity). Detected in long filamentous cytosolic structures where it co-localizes with CTPS1 (By similarity). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal