

## Product datasheet for **AP17080PU-N**

### ACK1 (TNK2) (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1:50 - 1:100. ELISA: 1:1,000. Immunohistochemistry on frozen sections.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human ACK1
Specificity:	This antibody detects TNK2 / ACK1 at N-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tyrosine kinase non receptor 2
Database Link:	<a href="#">Entrez Gene 10188 Human Q07912</a>
Background:	ACK1 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.
Synonyms:	ACK; ACK-1; ACK1; FLJ44758; FLJ45547; p21cdc42Hs

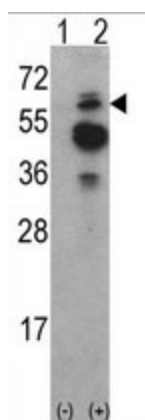


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Note: Molecular weight: 114327 Da

Protein Families: Druggable Genome, Protein Kinase

### Product images:



Western blot analysis of ACK1 (arrow) using rabbit polyclonal ACK1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ACK1 gene (Lane 2) (60 KD recombinant protein).