

## Product datasheet for **TA323456S**

### ACK1 (TNK2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 15-50 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human tyrosine kinase, non-receptor, 2
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tyrosine kinase non receptor 2
Database Link:	<a href="#">NP_005772</a> <a href="#">Entrez Gene 51789 Mouse</a> <a href="#">Entrez Gene 303882 Rat</a> <a href="#">Entrez Gene 10188 Human</a> <a href="#">Q07912</a>

**Background:** 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.

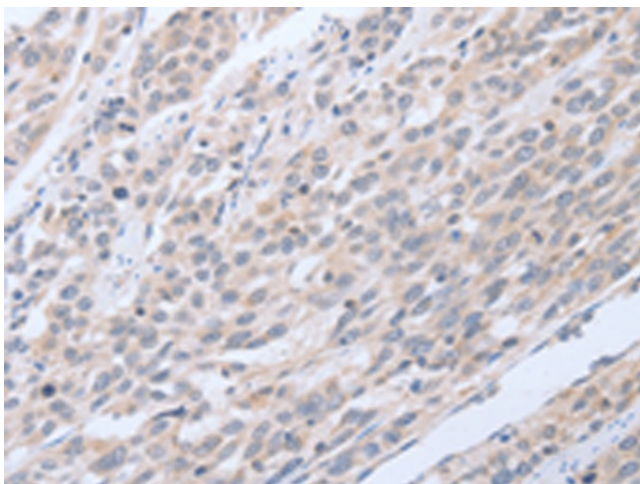


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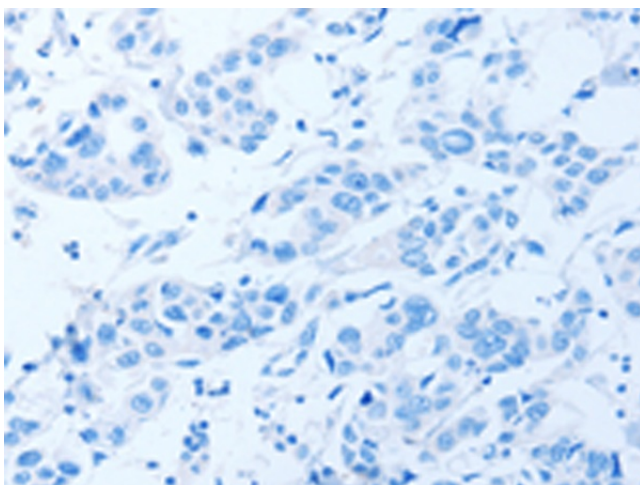
Synonyms: ACK; ACK-1; ACK1; p21cdc42Hs

Protein Families: Druggable Genome, Protein Kinase

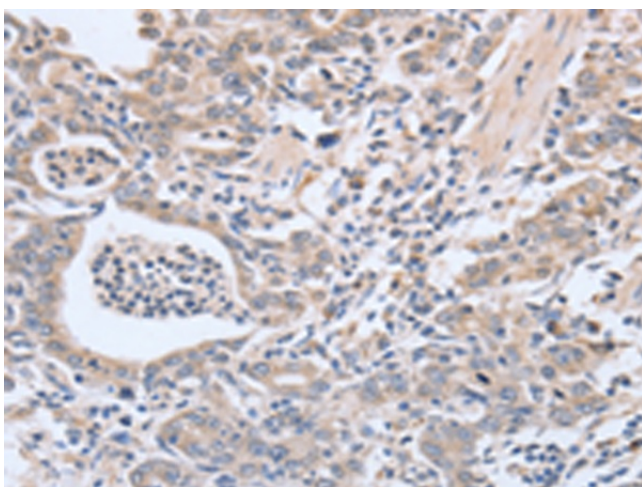
### Product images:



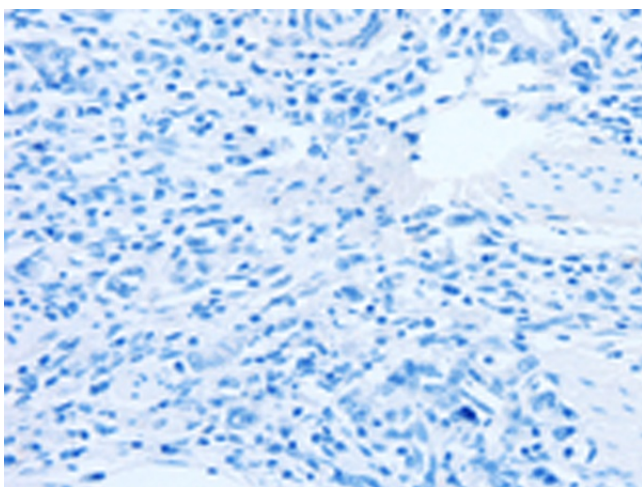
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA323456] (TNK2 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA323456] (TNK2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA323456] (TNK2 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA323456] (TNK2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )