

Product datasheet for **TA322555**

ACK1 (TNK2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 870-884 amino acids of Human tyrosine kinase, non-receptor, 2
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
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:	NP_005772 Entrez Gene 51789 Mouse Entrez Gene 303882 Rat Entrez Gene 10188 Human Q07912



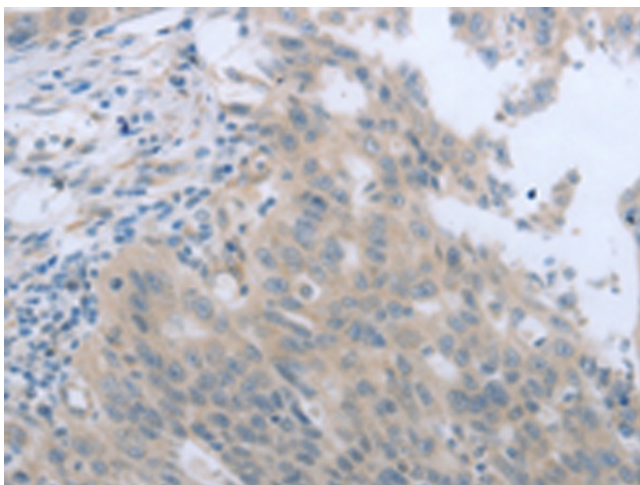
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Background: This gene encodes a tyrosine kinase that binds Cdc42Hs in its GTP-bound form and inhibits both the intrinsic and GTPase-activating protein (GAP)-stimulated GTPase activity of Cdc42Hs. This binding is mediated by a unique sequence of 47 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.

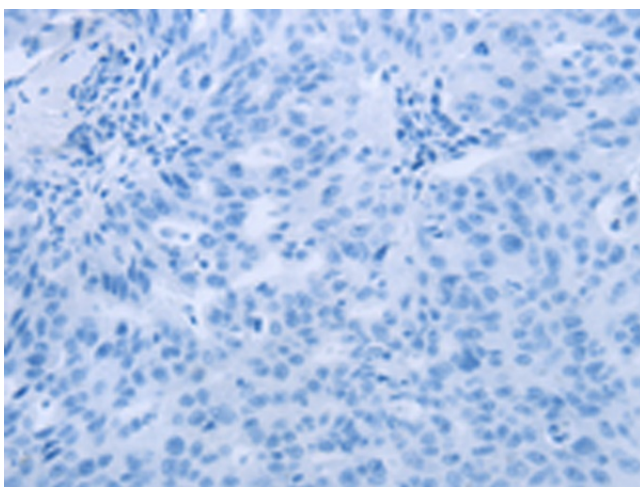
Synonyms: ACK; ACK-1; ACK1; p21cdc42Hs

Protein Families: Druggable Genome, Protein Kinase

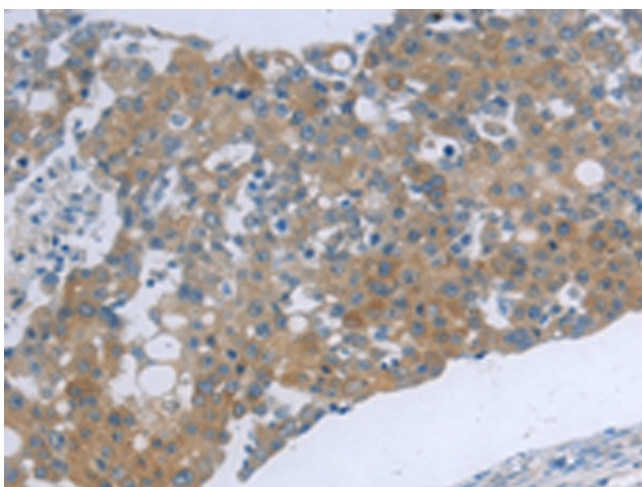
Product images:



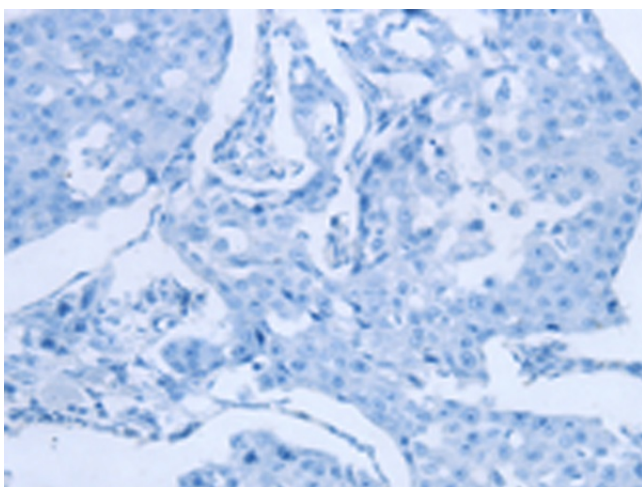
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA322555 (TNK2 Antibody) at dilution 1/70 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA322555 (TNK2 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322555 (TNK2 Antibody) at dilution 1/70 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322555 (TNK2 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: $\times 200$)