

## TNK2 RABBIT PAB

**Cat.#:** S216913

**Product Name:** Anti-TNK2 Rabbit Polyclonal Antibody

**Synonyms:** ACK; ACK1; ACK-1; p21cdc42Hs

**UNIPROT ID:** Q07912 (Gene Accession - BC028164 )

**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.

**Immunogen:** Fusion protein of human TNK2

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 15-50; ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

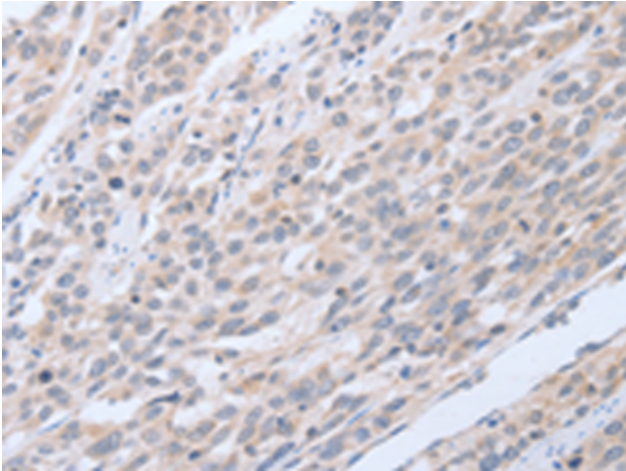
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

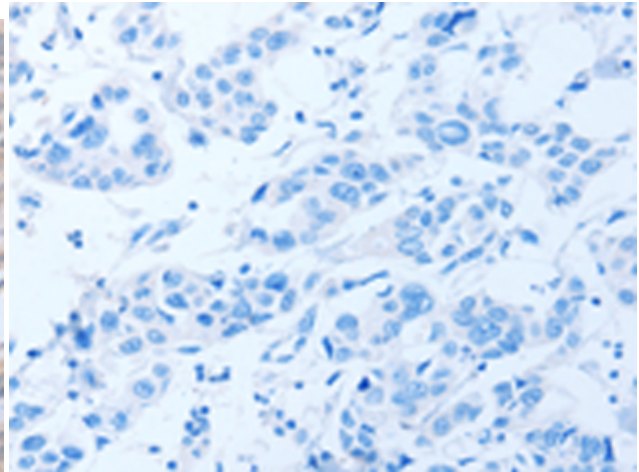
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Epigenetics and Nuclear Signaling, Cancer

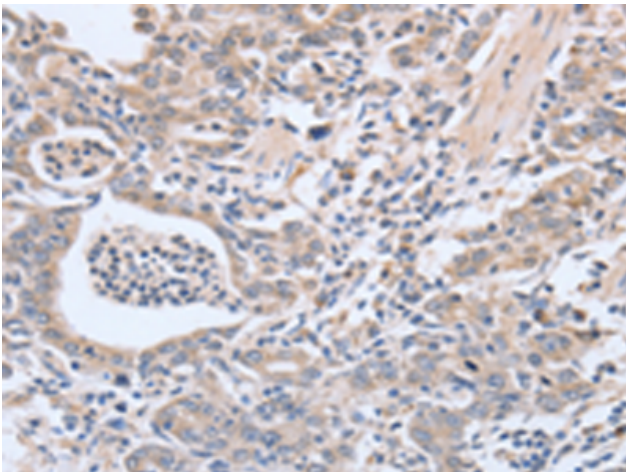
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



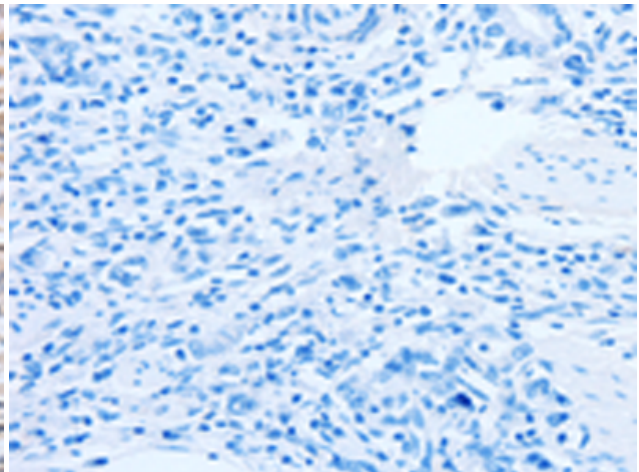
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 216913 (TNK2 Antibody) at a dilution of 1/20 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 216913 (Anti-TNK2 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 216913 (Anti-TNK2 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with fusion protein and then with D221466 (Anti-TNK2 Antibody) at dilution 1/20.