

## TBCB RABBIT PAB

**Cat.#:** S218503

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

**Synonyms:** CG22; CKAP1; CKAP1

**UNIPROT ID:** Q99426 (Gene Accession - BC005969 )

**Background:** Microtubules, the primary component of the cytoskeletal network, are highly dynamic structures composed of  $\alpha/\beta$  Tubulin heterodimers. Biosynthesis of functional microtubules involve the participation of several chaperones, termed Tubulin folding cofactors A (TBCA), B (TBCB), D (TBCD), E (TBCE) and C (TBCC), that act on folding intermediates downstream of the cytosolic chaperon, alternatively named TCP. TBCB (tubulin folding cofactor B), also known as CG22, CKAP1 or CKAP1, is a 244 amino acid cytoplasmic protein containing one CAP-Gly domain and is widely expressed. TBCB is involved in the regulation of tubulin heterodimer dissociation and may function as a negative regulator of axonal growth.

**Immunogen:** Full length fusion protein

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 20-100;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

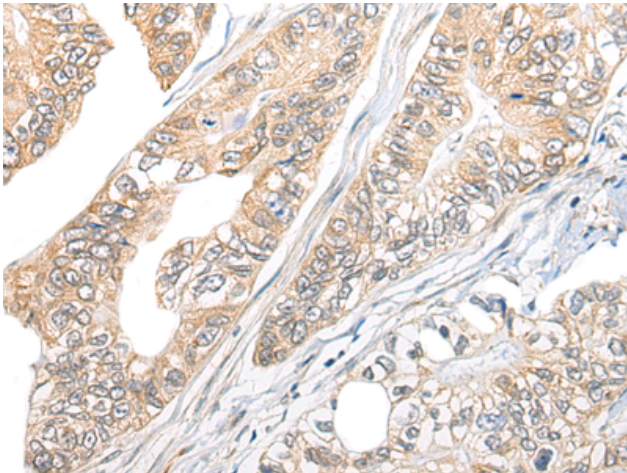
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

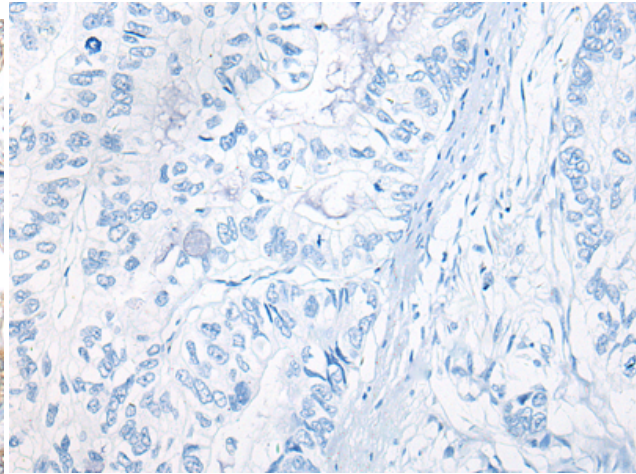
**Constituents:** PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Neuroscience

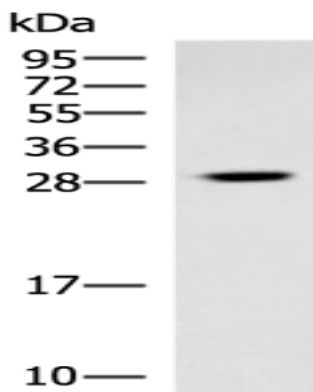
**Storage & Shipping:** Store at  $-20^{\circ}C$ . Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 218503(TBCB Antibody) at a dilution of 1/25(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 218503(Anti-TBCB Antibody) at dilution 1/25.



Gel: 12%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: Human cerebrum tissue lysate;  
Primary antibody: 218503(TBCB Antibody) at dilution 1/800;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 20 seconds