

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CTSE RABBIT PAB

Cat.#: S216397

Product Name: Anti-CTSE Rabbit Polyclonal Antibody

Synonyms: CATE

UNIPROT ID: P14091 (Gene Accession - BC042537)

Background: The protein encoded by this gene is a gastric aspartyl protease that functions as a disulfide-linked homodimer. This protease, which is a member of the peptidase CI family, has a specificity similar to that of pepsin A and cathepsin D. It is an intracellular proteinase that does not appear to be involved in the digestion of dietary protein and is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach. It is the first aspartic proteinase expressed in the fetal stomach and is found in more than half of gastric cancers. It appears, therefore, to be an oncofetal antigen. Transcript variants utilizing alternative polyadenylation signals and two transcript variants encoding different isoforms exist for this gene.

Immunogen: Fusion protein of human CTSE

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-300;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

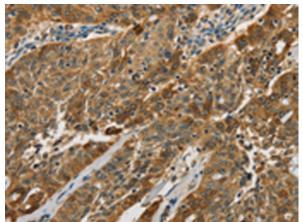
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Immunology

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

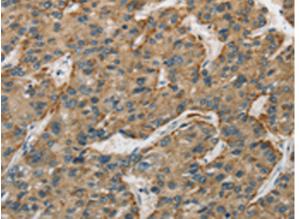


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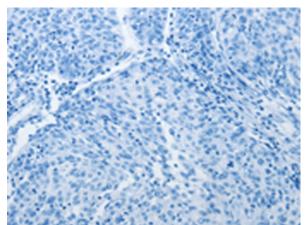
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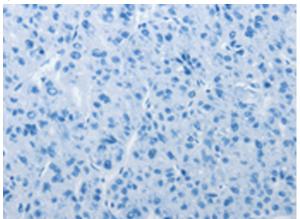
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 216397(CTSE Antibody) at a dilution of 1/50(Cytoplasm).



paraffin-embedded Human liver cancer tissue using 216397(Anti-CTSE Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the fusion protein and then with 216397(Anti-CTSE Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D220355(Anti-CTSE Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Mouse stomach tissue; Primary antibody: 216397(CTSE Antibody) at dilution 1/525; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 1 ninut



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