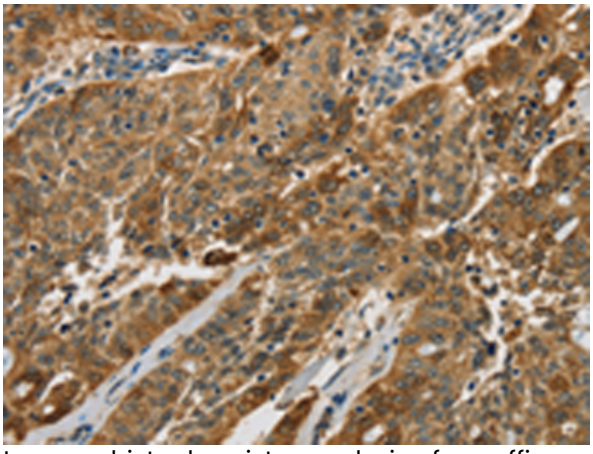
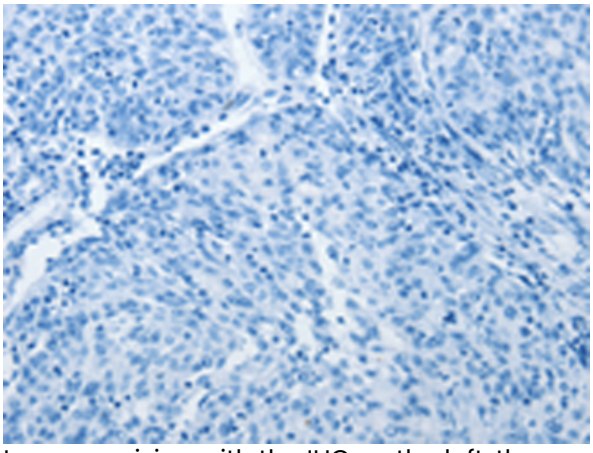
CTSE RABBIT PAB

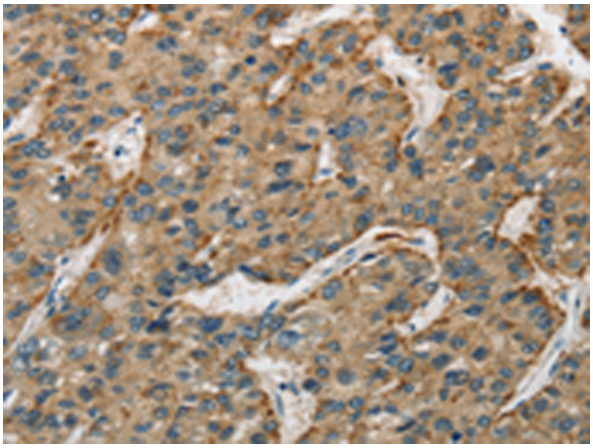
Cat.#: S216397
Product Name: Anti-CTSE Rabbit Polyclonal Antibody
Synonyms: CATE
UNIPROT ID: P14091 (Gene Accession - BC042537)
Background: The protein encoded by this gene is a gastric aspartyl protease that functions as a disulfide-linked homodimer. This protease, which is a member of the peptidase C1 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



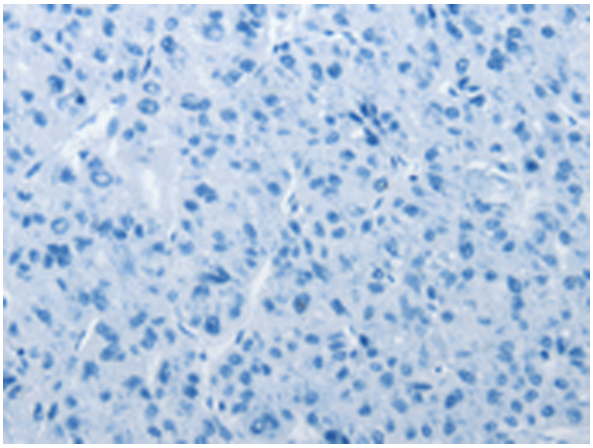
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 216397(CTSE Antibody) at a dilution of 1/50(Cytoplasm).



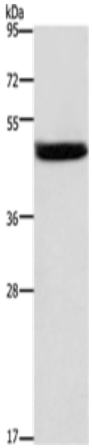
In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the fusion protein and then with 216397(Anti-CTSE Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of 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 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 minute