

CTSD RABBIT PAB

Cat.#: S216396

Product Name: Anti-CTSD Rabbit Polyclonal Antibody

Synonyms: CPSD; CLN10; HEL-S-130P

UNIPROT ID: P07339 (Gene Accession - BC016320)

Background: This gene encodes a member of the A1 family of peptidases. The encoded preproprotein is proteolytically processed to generate multiple protein products. These products include the cathepsin D light and heavy chains, which heterodimerize to form the mature enzyme. This enzyme exhibits pepsin-like activity and plays a role in protein turnover and in the proteolytic activation of hormones and growth factors. Mutations in this gene play a causal role in neuronal ceroid lipofuscinosis-10 and may be involved in the pathogenesis of several other diseases, including breast cancer and possibly Alzheimer's disease.

Immunogen: Fusion protein of human CTSD

Applications: ELISA, IHC

Recommended Dilutions: IHC: 30-150; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

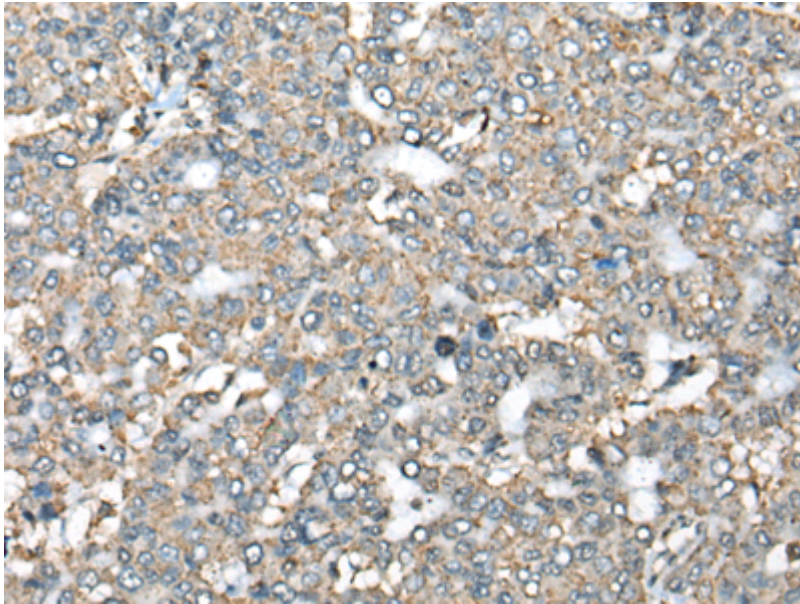
Purification: Antigen affinity purification

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: Signal Transduction, Cell Biology, Neuroscience

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



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using 216396(CTSD Antibody) at a dilution of 1/30(Cytoplasm).