

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **CASP10 RABBIT PAB**

Cat.#: S216256

Product Name: Anti-CASP10 Rabbit Polyclonal Antibody

**Synonyms:** MCH4; ALPS2; FLICE2

UNIPROT ID: Q92851 (Gene Accession - BC042844)

**Background:** This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

**Immunogen:** Fusion protein of human CASP10

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

**Species Reactivity:** Human

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

glycerol

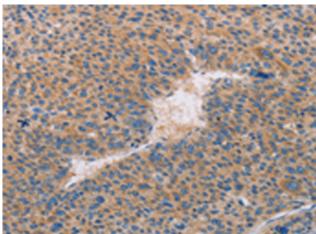
Research Areas: Cancer, Cell Biology

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

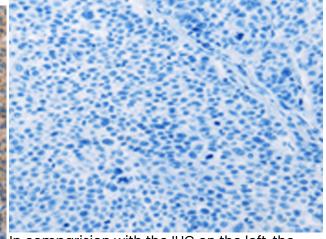


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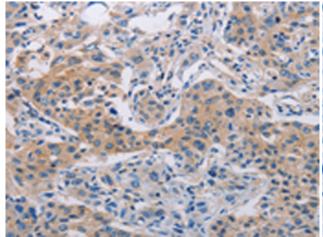
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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 216256(CASP10 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 216256(Anti-CASP10 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 216256(Anti-CASP10 Antibody) at a dilution of 1/30.

