

Product datasheet for **TA323200**

Caspase-7 (CASP7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 207-303 amino acids of human caspase 7, apoptosis-related cysteine peptidase
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	caspase 7
Database Link:	NP_203126 Entrez Gene 12369 Mouse Entrez Gene 840 Human P55210

Background: This gene encodes 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. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.?



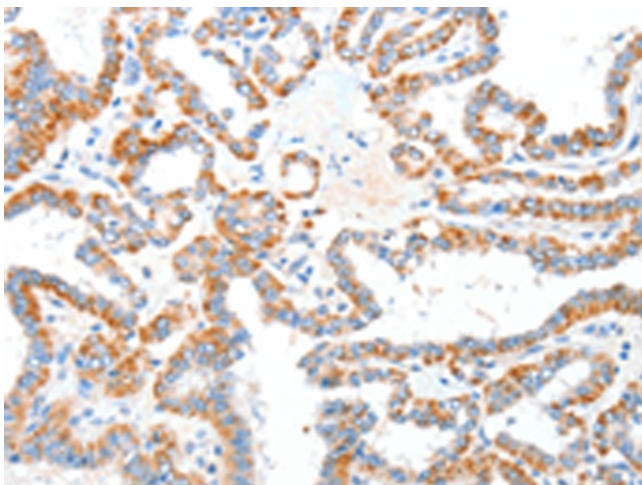
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Synonyms: CASP-7; CMH-1; ICE-LAP3; LICE2; MCH3

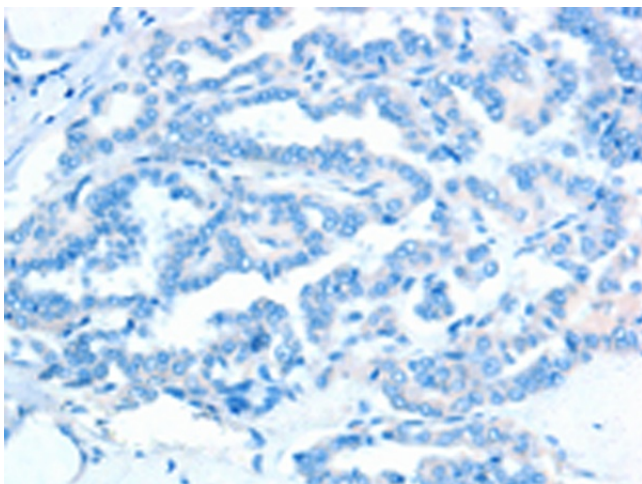
Protein Families: Druggable Genome, Protease

Protein Pathways: Alzheimer's disease, Apoptosis

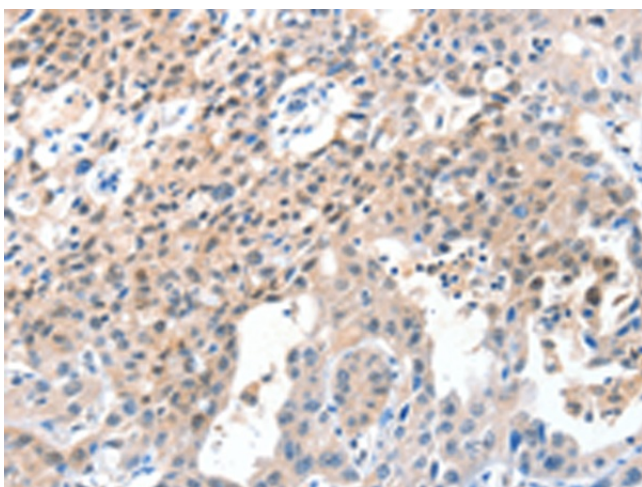
Product images:



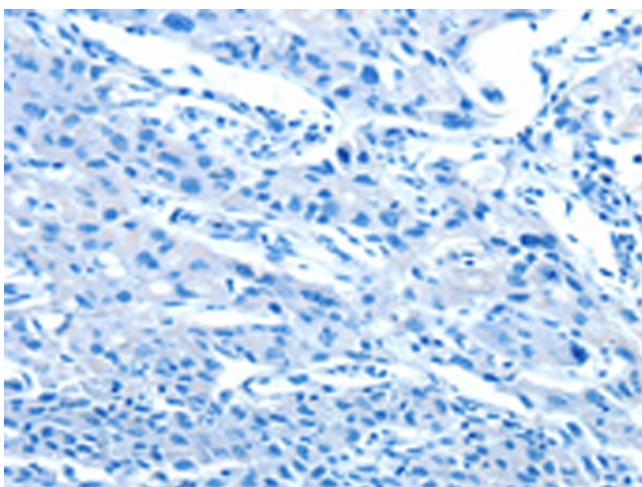
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323200 (CASP7 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323200 (CASP7 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323200 (CASP7 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323200 (CASP7 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)