

Anti-CASP4 antibody

Cat. No.	ml163160
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CASP4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human CASP4
Reactivity	Human
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CASP4
Full name	caspase 4
Synonyms	TX; Mih1; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II
Swissprot	P49662

Target Background

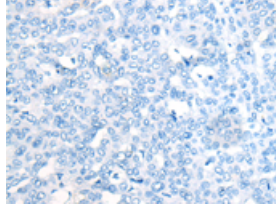
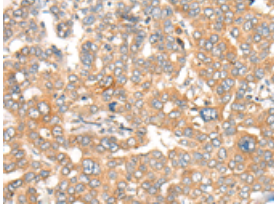
This gene encodes a protein that is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain and a large and small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This caspase is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. When overexpressed, this gene induces cell apoptosis. Alternative splicing results in transcript variants encoding distinct isoforms.

订购热线: 4008-898-798

Applications

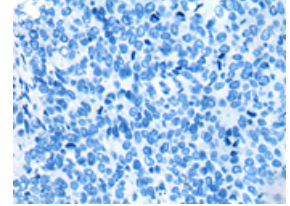
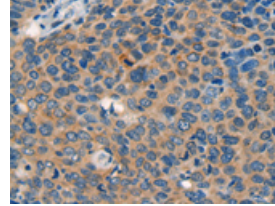
Immunohistochemistry

Predicted cell location: Cytoplasm and Cell membrane
Positive control: Human liver cancer
Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml163160(CASP4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm and Cell membrane
Positive control: Human cervical cancer
Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml163160(CASP4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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