

CASP10 / Caspase 10 Antibody (aa430-479)
Rabbit Polyclonal Antibody
Catalog # ALS15419

Specification

CASP10 / Caspase 10 Antibody (aa430-479) - Product Information

Application	IF, IHC
Primary Accession	O92851
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

CASP10 / Caspase 10 Antibody (aa430-479) - Additional Information

Gene ID 843

Other Names

Caspase-10, CASP-10, 3.4.22.63, Apoptotic protease Mch-4, FAS-associated death domain protein interleukin-1B-converting enzyme 2, FLICE2, ICE-like apoptotic protease 4, Caspase-10 subunit p23/17, Caspase-10 subunit p12, CASP10, MCH4

Target/Specificity

Caspase 10 Antibody detects endogenous levels of total Caspase 10 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

CASP10 / Caspase 10 Antibody (aa430-479) is for research use only and not for use in diagnostic or therapeutic procedures.

CASP10 / Caspase 10 Antibody (aa430-479) - Protein Information

Name CASP10

Synonyms MCH4

Function

Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates effector caspases CASP3, CASP4, CASP6, CASP7, CASP8 and CASP9. Hydrolyzes the small- molecule substrates, Tyr- Val-Ala-Asp-|-AMC and Asp-Glu-Val-Asp-|-AMC.

Tissue Location

Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon

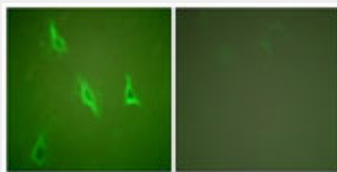
Volume
50 μ l

CASP10 / Caspase 10 Antibody (aa430-479) - Protocols

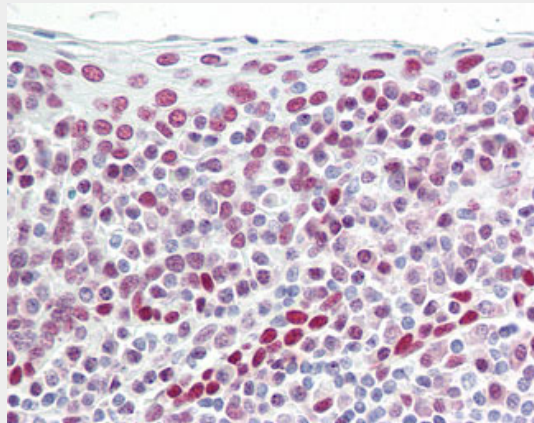
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CASP10 / Caspase 10 Antibody (aa430-479) - Images



Immunofluorescence of HeLa cells, using Caspase 10 Antibody.



Anti-Caspase 10 antibody IHC of human tonsil.

CASP10 / Caspase 10 Antibody (aa430-479) - Background

Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates caspase- 3, -4, -6, -7, -8, and -9. Hydrolyzes the small-molecule substrates, Tyr-Val-Ala-Asp-|-AMC and Asp-Glu-Val-Asp-|-AMC.

CASP10 / Caspase 10 Antibody (aa430-479) - References

Fernandes-Alnemri T., et al. Proc. Natl. Acad. Sci. U.S.A. 93:7464-7469(1996).
Vincenz C., et al. J. Biol. Chem. 272:6578-6583(1997).
Ng P.W., et al. J. Biol. Chem. 274:10301-10308(1999).
Hadano S., et al. Genomics 71:200-213(2001).

Vonarbourg C., et al. Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.