

CASP12 / Caspase 12 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS12963**Specification**

CASP12 / Caspase 12 Antibody - Product Information

Application	IF, IHC
Primary Accession	Q6UXS9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa

CASP12 / Caspase 12 Antibody - Additional Information**Gene ID** 100506742**Other Names**

Inactive caspase-12, CASP-12, CASP12

Target/Specificity

synthetic peptide corresponding to amino acids within the large cleavage product of murine caspase-12

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

CASP12 / Caspase 12 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CASP12 / Caspase 12 Antibody - Protein Information**Name** CASP12**Function**

May function as a negative regulator of inflammatory responses and innate immunity. May reduce cytokine release in response to bacterial lipopolysaccharide during infection. Reduces activation of NF-kappa-B in response to TNF (PubMed:15129283). May lack protease activity (Probable).

Tissue Location

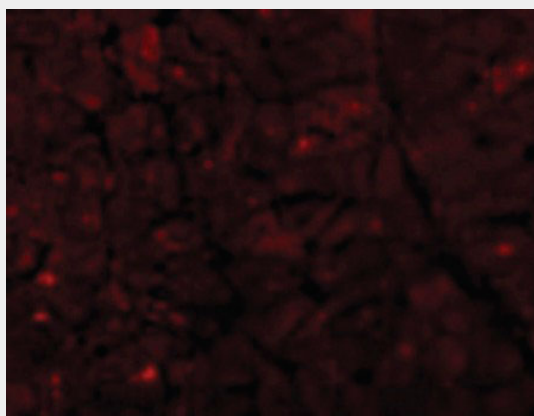
Widely expressed, with highest levels in lung.

CASP12 / Caspase 12 Antibody - Protocols

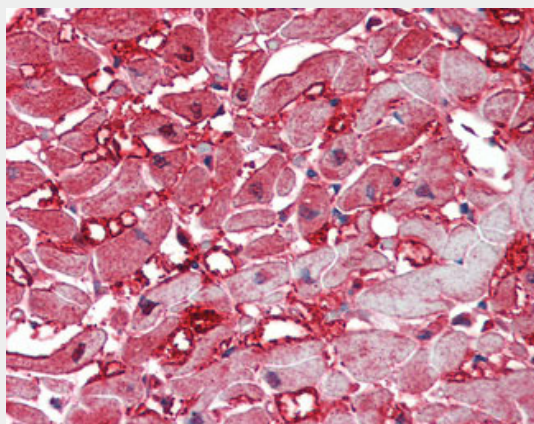
Provided below are standard protocols that you may find useful for product applications.

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

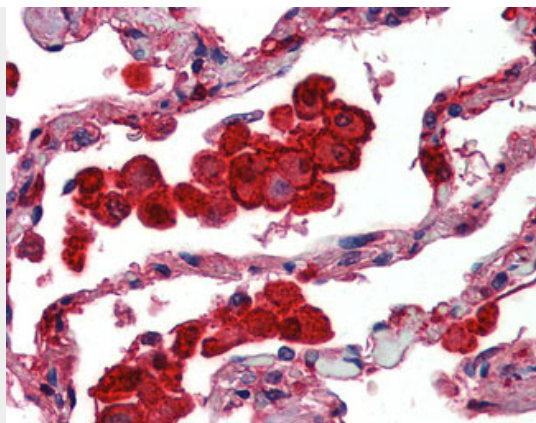
CASP12 / Caspase 12 Antibody - Images



Immunofluorescence of Caspase-12 in Human Heart cells with Caspase-12 antibody at 10 ug/ml.



Anti-CASP12 / Caspase 12 antibody IHC of human heart.



Anti-CASP12 / Caspase 12 antibody IHC of human lung.

CASP12 / Caspase 12 Antibody - Background

Has no protease activity. May reduce cytokine release in response to bacterial lipopolysaccharide during infections. Reduces activation of NF-kappa-B in response to TNF.

CASP12 / Caspase 12 Antibody - References

Fischer H.,et al.Biochem. Biophys. Res. Commun. 293:722-726(2002).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Taylor T.D.,et al.Nature 440:497-500(2006).
Saleh M.,et al.Nature 429:75-79(2004).
Kachapati K.,et al.Hum. Mutat. 27:975-975(2006).