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CASP12 / Caspase 12 Antibody (aa100-116)

Rabbit Polyclonal Antibody
Catalog # ALS12876

Specification

CASP12 / Caspase 12 Antibody (aa100-116) - Product Information

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

CASP12 / Caspase 12 Antibody (aa100-116) - Additional Information

Gene ID 100506742

Other Names
Inactive caspase-12, CASP-12, CASP12

Target/Specificity
peptide corresponding to amino acids 100 to 116 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 (aa100-116) is for research use only and not for use in diagnostic or therapeutic procedures.

CASP12 / Caspase 12 Antibody (aa100-116) - 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.

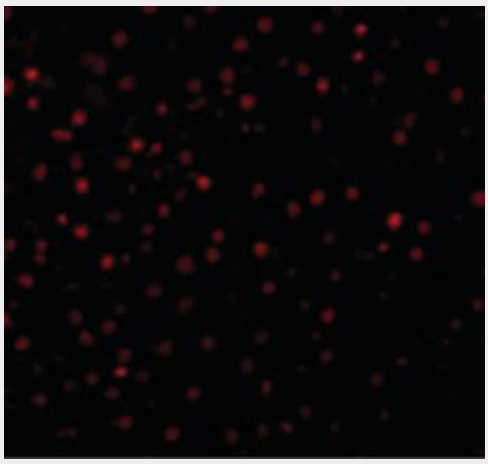
CASP12 / Caspase 12 Antibody (aa100-116) - Protocols

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

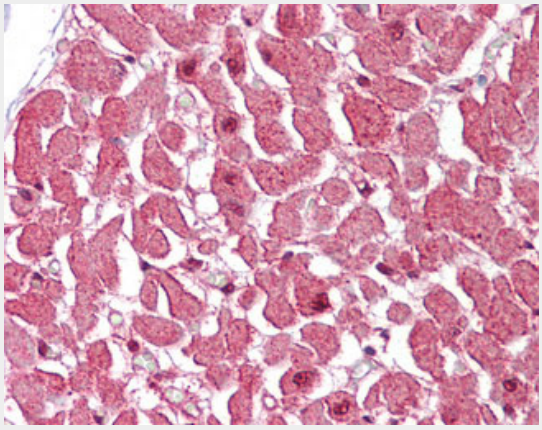
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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

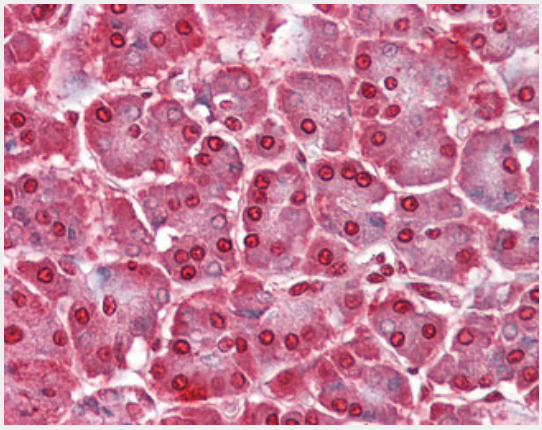
CASP12 / Caspase 12 Antibody (aa100-116) - Images



Immunofluorescence of Caspase-12 in Mouse Liver cells with Caspase-12 antibody at 10 ug/ml.



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



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

CASP12 / Caspase 12 Antibody (aa100-116) - 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 (aa100-116) - 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).