10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Caspase 12 (aa232-244) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3825a

Specification

Caspase 12 (aa232-244) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q6UXS9
Other Accession	NP_001177945.1, 100506742
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**38907**

Caspase 12 (aa232-244) Antibody (internal region) - Additional Information

Gene ID 100506742

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

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Caspase 12 (aa232-244) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Caspase 12 (aa232-244) Antibody (internal region) - 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.

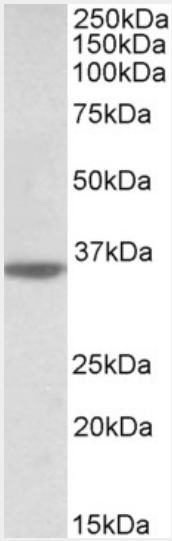
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Caspase 12 (aa232-244) Antibody (internal region) - Protocols

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

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

Caspase 12 (aa232-244) Antibody (internal region) - Images



AF3825a (0.5 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Caspase 12 (aa232-244) Antibody (internal region) - References

Purification of catalytically active caspase-12 and its biochemical characterization. Lee HJ, Lee SH, Park SH, Sharoar MG, Shin SY, Lee JS, Cho B, Park IS. Arch Biochem Biophys. 2010 Oct 1;502(1):68-73. PMID: 20646990