

**Caspase 12 (aa232-244) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3825a

**Specification**

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

Application	WB
Primary Accession	<a href="#">Q6UXS9</a>
Other Accession	<a href="#">NP_001177945.1</a> , <a href="#">100506742</a>
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: <http://www.uniprot.org/citations/15129283> target="\_blank">15129283</a>). May lack protease activity (Probable).

**Tissue Location**

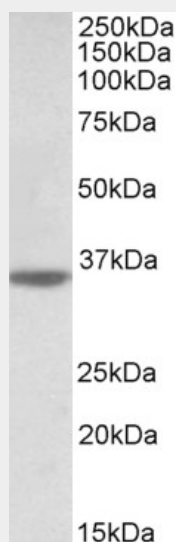
Widely expressed, with highest levels in lung.

## 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 Cytometry](#)
- [Cell Culture](#)

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



AF3825a (0.5  $\mu\text{g/ml}$ ) staining of Human Heart lysate (35  $\mu\text{g}$  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