

# Anti-Caspase 12 Antibody

Rabbit polyclonal antibody to Caspase 12

Catalog # AP59889

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">Q6UXS9</a>
<b>Other Accession</b>	<a href="#">O08736</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	38907

## Additional Information

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<b>Gene ID</b>	100506742
<b>Other Names</b>	Inactive caspase-12; CASP-12
<b>Target/Specificity</b>	Recognizes endogenous levels of Caspase 12 protein.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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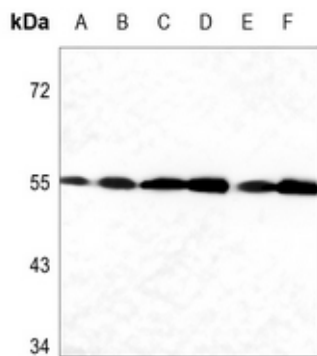
<b>Name</b>	CASP12
<b>Function</b>	May function as a negative regulator of inflammatory responses and innate immunity. May reduce cytokine release in response to bacterial lipopolysaccharide during infection. Reduces activation of NF-kappa-B in response to TNF (PubMed: <a href="#">15129283</a> ). May lack protease activity (Probable).
<b>Tissue Location</b>	Widely expressed, with highest levels in lung.

## Background

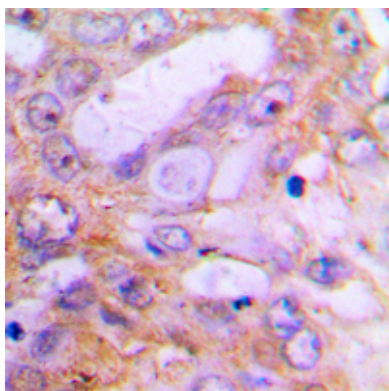
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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Caspase 12. The exact sequence is proprietary.

## Images



Western blot analysis of Caspase 12 expression in HEK293T (A), A549 (B), U2OS (C), mouse brain (D), mouse spleen (E), rat brain (F) whole cell lysates.



Immunohistochemical analysis of Caspase 12 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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