

Anti-Caspase 12 Antibody

Rabbit polyclonal antibody to Caspase 12
Catalog # AP59889

Product Information

Application	WB, IHC
Primary Accession	Q6UXS9
Other Accession	O08736
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38907

Additional Information

Gene ID	100506742
Other Names	Inactive caspase-12; CASP-12
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Caspase 12. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C. Stable for 12 months from date of receipt

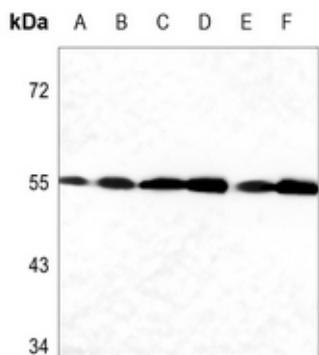
Protein Information

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.

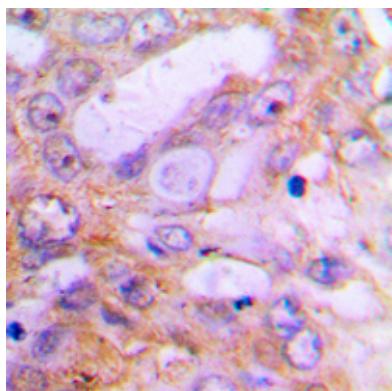
Background

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.