

Datasheet for ABIN1049503
anti-Caspase 12 antibody (AA 232-244)



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1 Image

Overview

Quantity:	100 µg
Target:	Caspase 12 (CASP12)
Binding Specificity:	AA 232-244
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Caspase 12 (aa232-244)
Immunogen:	Peptide with sequence C-TDSGKAGADTHGR, from the internal region of the protein sequence according to NP_001177945.1.
Sequence:	TDSGKAGADT HGR
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

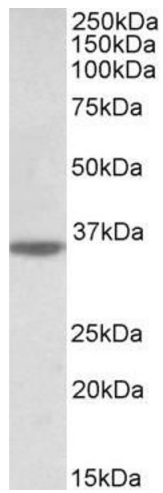
Target:	Caspase 12 (CASP12)
Alternative Name:	CASP12 (CASP12 Products)
Background:	CASP12, caspase 12 (gene/pseudogene), CASP-12, CASP12P1, OTTHUMP00000207026, OTTHUMP00000207028, OTTHUMP00000207029, OTTHUMP00000207031, OTTHUMP00000207032, OTTHUMP00000219058, caspase 12 pseudogene 1, inactive caspase-12
Gene ID:	100506742
NCBI Accession:	NP_001177945
Pathways:	Apoptosis , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response

Application Details

Application Notes:	DS WB Results: Approx 35 kDa band observed in Human Heart lysates (calculated MW of 38.9 kDa according to NP_001177945.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN1049503 (0.5µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.