

Datasheet for ABIN1532234

anti-Caspase 9 antibody (AA 91-140)



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3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Caspase 9 (CASP9)
Binding Specificity:	AA 91-140
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Caspase 9.
Isotype:	IgG
Specificity:	Caspase 9 Antibody detects endogenous levels of total Caspase 9 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Caspase 9 (CASP9)
Alternative Name:	Caspase 9 (CASP9 Products)
Background:	Synonyms: APAF-3, Apoptotic protease Mch-6, Apoptotic protease activating factor 3, CASP-9,

Target Details

	Caspase-9, Caspase-9 precursor, Caspase9, ICE-LAP6, ICE-like apoptotic protease 6, MCH6, RNCASP9 NCBI Gene Symbol: CASP9
Molecular Weight:	46 kDa
Gene ID:	842
OMIM:	602234
UniProt:	P55211
Pathways:	MAPK Signaling , RTK Signaling , Apoptosis , Caspase Cascade in Apoptosis , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.329502 (NCBI Gene Symbol: CASP9)
Restrictions:	For Research Use only

Handling

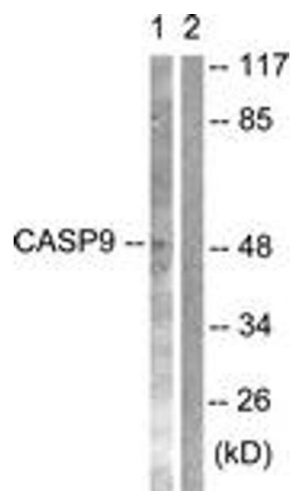
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

Publications

Product cited in:	Biernacki, Łuczaj, Jarocka-Karpowicz, Ambrożewicz, Toczek, Skrzydlewska: "The Effect of Long-
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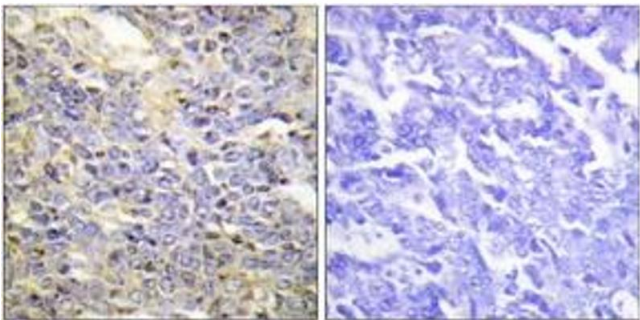
Term Administration of Fatty Acid Amide Hydrolase Inhibitor URB597 on Oxidative Metabolism in the Heart of Rats with Primary and Secondary Hypertension." in: **Molecules (Basel, Switzerland)**, Vol. 23, Issue 9, (2018) ([PubMed](#)).

Images



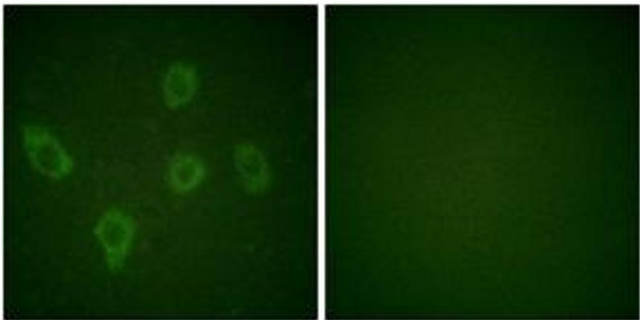
Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells, treated with TNF-a 20ng/ml 30', using Caspase 9 (Ab-125) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Caspase 9 (Ab-125) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HuvEc cells, using Caspase 9 (Ab-125) Antibody. The picture on the right is treated with the synthesized peptide.