

Datasheet for ABIN1531533

anti-Caspase 9 antibody (pSer144)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Caspase 9 (CASP9)
Binding Specificity:	AA 110-159, pSer144
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Caspase 9 around the phosphorylation site of Ser144.
Isotype:	IgG
Specificity:	Caspase 9 (Phospho-Ser144) Antibody detects endogenous levels of Caspase 9 only when phosphorylated at Ser144. PhosphorylationH:S144
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

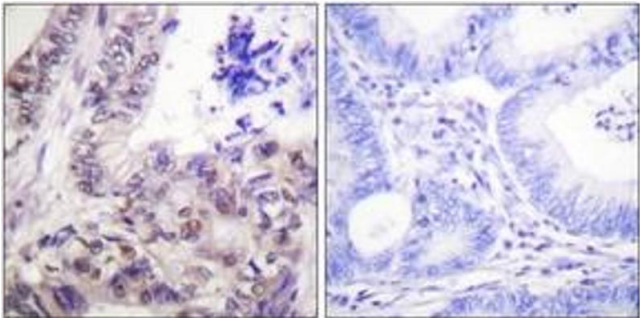
Target:	Caspase 9 (CASP9)
Alternative Name:	Caspase 9 (CASP9 Products)
Background:	Synonyms: APAF-3, Apoptotic protease Mch-6, Apoptotic protease activating factor 3, CASP-9, Caspase-9, Caspase-9 precursor, Caspase9, ICE-LAP6, ICE-like apoptotic protease 6, MCH6, RNCASP9 NCBI Gene Symbol: CASP9
Molecular 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 ELISA: 1:20000
Comment:	Unigene-Number: Hs.329502 (NCBI Gene Symbol: CASP9)
Restrictions:	For Research Use only

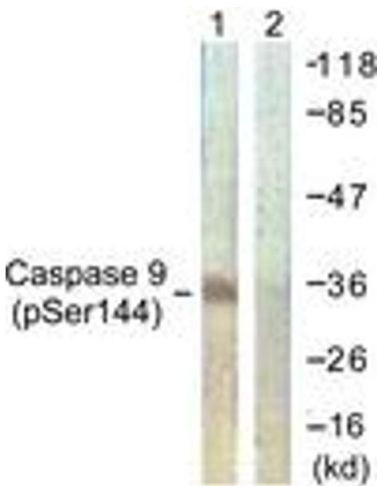
Handling

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.



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using Caspase 9 (Phospho-Ser144) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells, using Caspase 9 (Phospho-Ser144) Antibody. The lane on the right is treated with the synthesized peptide.