

Datasheet for ABIN756922

anti-Caspase 9 antibody (pSer196)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Caspase 9 (CASP9)
Binding Specificity:	pSer196
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CASP9 around the phosphorylation site of Ser196
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Caspase 9 (CASP9)
Alternative Name:	Caspase-9 (CASP9 Products)

Target Details

Background:	Synonyms: MCH6, APAF3, APAF-3, PPP1R56, ICE-LAP6, Caspase-9, CASP-9, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, ICE-like apoptotic protease 6, CASP9 Background: Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.
Gene ID:	842
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 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

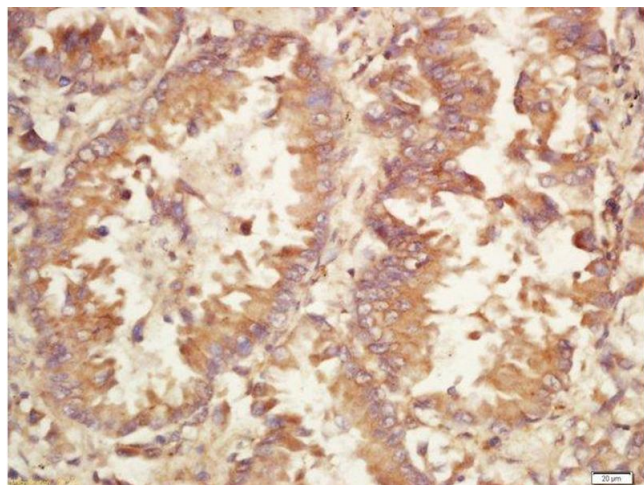
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

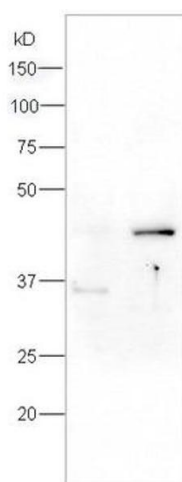
Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Rabbit Anti-Caspase-9 (Ser196) Polyclonal Antibody, Unconjugated (ABIN756922) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Lane 1:rat brain lysates Lane 2: rat kidney probed with Rabbit Anti-Caspase-9 (Ser196) Polyclonal Antibody, Unconjugated (ABIN756922) at 1:300 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:5000 for 90 min at 37 °C.