

Datasheet for ABIN7606900

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

Overview

Quantity:	100 µL
Target:	Caspase 9 (CASP9)
Binding Specificity:	cleaved
Reactivity:	Human, Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	cleaved Caspase-9 Rabbit mAb
Immunogen:	A synthesized peptide derived from human cleaved Caspase-9
Isotype:	IgG
Specificity:	Cleaved Caspase-9 Antibody detects endogenous levels of cleaved Caspase-9
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	Caspase 9 (CASP9)
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Target Details

Alternative Name:	Caspase-9 (CASP9 Products)
Background:	MCH6, APAF3, APAF-3, PPP1R56, ICE-LAP6, CASP9, Caspase-9, Caspase 9 Dominant Negative,
Molecular Weight:	46,39,37,35kDa
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

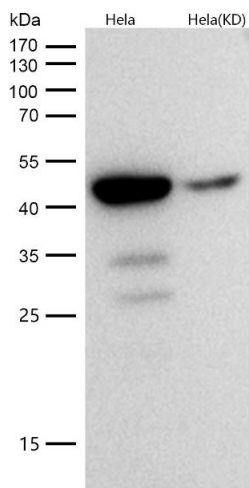
Application Details

Application Notes:	WB 1:500~1:2000 IP 1:50
Restrictions:	For Research Use only

Handling

Buffer:	phosphate buffered saline , 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:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. 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.

Western Blotting

Image 2. Western blot analysis of cleaved Caspase-9 Antibody expression in HeLa cell lysate treated with staurosporine.

