

Datasheet for ABIN6254880

anti-Caspase 9 antibody (Cleaved-Asp330)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Caspase 9 (CASP9)
Binding Specificity:	Cleaved-Asp330
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), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human Caspase 9 (Cleaved-Asp330).
Isotype:	IgG
Specificity:	Cleaved-Caspase 9 (Asp330) Antibody detects endogenous levels of fragment of activated Caspase 9 resulting from cleavage adjacent to Asp330.
Predicted Reactivity:	Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Caspase 9 (CASP9)
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Target Details

Alternative Name:	CASP9 (CASP9 Products)
Background:	Description: 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). Gene: CASP9
Molecular Weight:	10 kDa
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

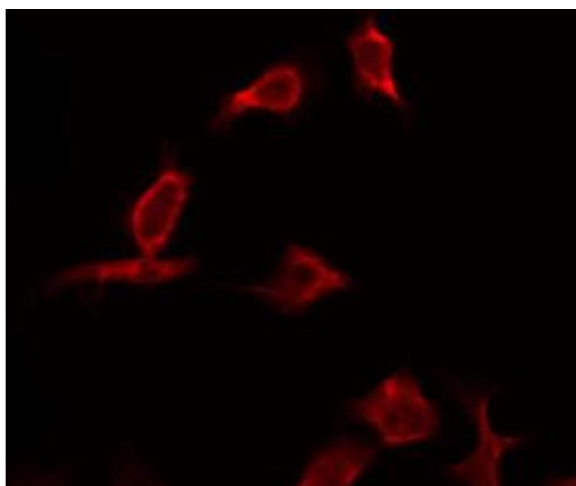
Application Notes:	WB 1:500-1:1000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

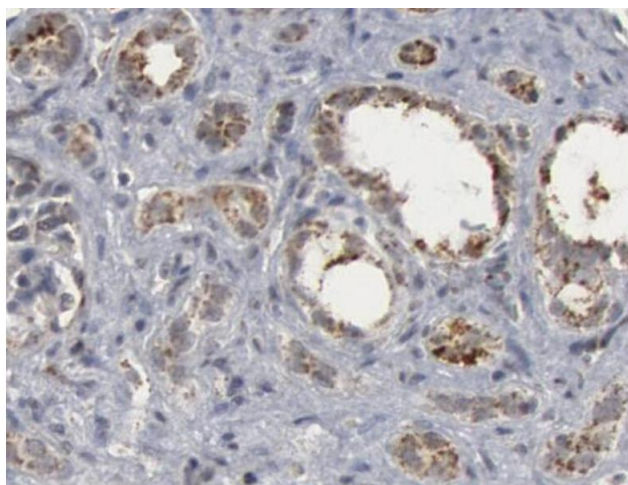
Product cited in: Ding, Weng, Fan, Cao, Lu: "Purkinje Cell Degeneration and Motor Coordination Deficits in a New Mouse Model of Autosomal Recessive Spastic Ataxia of Charlevoix-Saguenay." in: **Frontiers in molecular neuroscience**, Vol. 10, pp. 121, (2017) ([PubMed](#)).

Images



Immunofluorescence (fixed cells)

Image 1. ABIN6268792 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Immunohistochemistry

Image 2. 1/50 dilution staining Caspase 9 in human lung carcinoma by Immunohistochemistry