

Datasheet for ABIN514020
anti-Caspase 3 antibody (AA 1-277)



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4 Images

1 Publication

Overview

Quantity:	100 µg
Target:	Caspase 3 (CASP3)
Binding Specificity:	AA 1-277
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human CASP3 protein.
Immunogen:	CASP3 (AAH16926.1, 1 a.a. ~ 277 a.a) full-length human protein.
Sequence:	MENTENSVDS KSIKNLEPKI IHGSESMDSG ISLDNSYKMD YPEMGLCIII NNKNFHKSTG MTRSRTGTDVD AANLRETFRN LKYEVNRKND LTREEIVELM RDVSKEDHSK RSSFVCVLLS HGEEGIIFGT NGPVDLKKIT NFFRGDRCRS LTGKPKLFII QACRGTELDC GIETDSGVDD DMACHKIPVE ADFLYAYSTA PGYYSWRNSK DGSWFIQSLC AMLKQYADKL EFMHILTRVN RKVATEFESF SFDATFHAKK QIPCIVSMLT KELYFYH
Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	Caspase 3 (CASP3)
Alternative Name:	CASP3 (CASP3 Products)
Background:	Full Gene Name: caspase 3, apoptosis-related cysteine peptidase Synonyms: CPP32, CPP32B, SCA-1
Gene ID:	836
NCBI Accession:	NM_004346
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Sensory Perception of Sound , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Activated T Cell Proliferation

Application Details

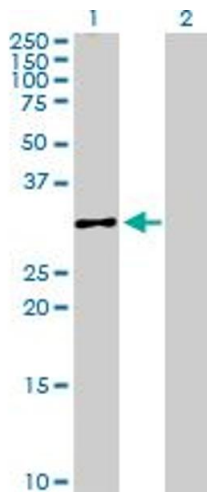
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Huang, Chuang, Hao, Talbot, Sen, Trink, Sidransky, Ratovitski. "Phospho- Np63 ? is a key regulator of the cisplatin-induced microRNAome in cancer cells." in: Cell death and differentiation , Vol. 18, Issue 7, pp. 1220-30, (2011) (PubMed).
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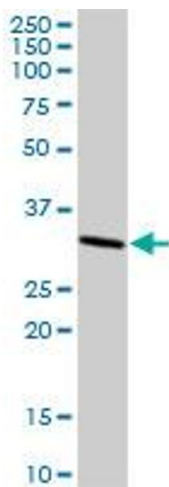


Western Blotting

Image 1. Western Blot analysis of CASP3 expression in transfected 293T cell line by CASP3 MaxPab polyclonal antibody.

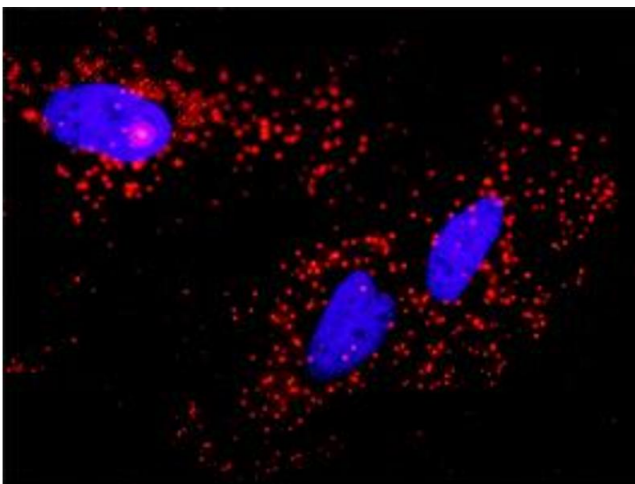
Lane 1: CASP3 transfected lysate(31.60 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. CASP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of CASP3 expression in mouse liver.



Proximity Ligation Assay

Image 3. Proximity Ligation Analysis of protein-protein interactions between CASP3 and AKT3. HeLa cells were stained with anti-CASP3 rabbit purified polyclonal 1:1200 and anti-AKT3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514020.