Datasheet for ABIN1536105

anti-CASP5 antibody (Cleaved-Asp121)

1 Image

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Overview

Quantity:	100 µg
Target:	CASP5
Binding Specificity:	AA 102-151, Cleaved-Asp121
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Caspase 5.
Isotype:	IgG
Specificity:	Caspase 5 (p20,Cleaved-Asp121) Antibody detects endogenous levels of fragment of activated Caspase 5 resulting from cleavage adjacent to Asp121.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	CASP5
Alternative Name:	Caspase 5 (CASP5 Products)
Background:	Synonyms: Caspase-5, CASP-5, ICH-3 protease, TY protease, ICE(rel)-III, Caspase-5 subunit p20,

Target Details

	Caspase-5 subunit p10, CASP5, ICH3 NCBI Gene Symbol: CASP5
Molecular Weight:	22 kDa
Gene ID:	838
OMIM:	602665
UniProt:	P51878
Pathways:	Inflammasome

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.213327 (NCBI Gene Symbol: CASP5)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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.
Expiry Date:	12 months

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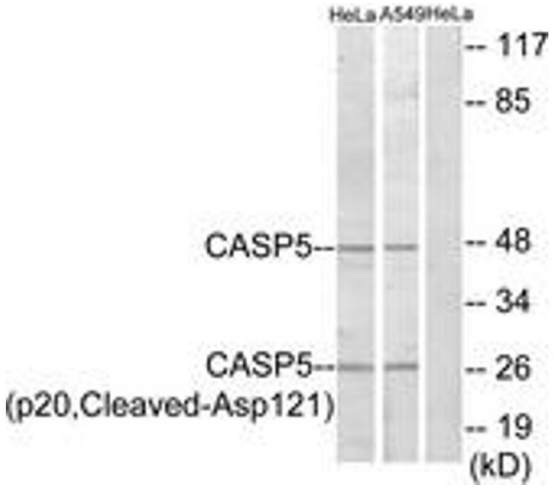
Images



Western Blotting

Image 1. Western blot analysis of extracts from HeLa/A549 cells, treated with etoposide 25uM 24h, using Caspase 5 (p20,Cleaved-Asp121) Antibody. The lane on the right is treated with the synthesized peptide.

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