

Datasheet for ABIN5955945

anti-Caspase 5 p10 antibody (Cleaved-Ser331)[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	Caspase 5 p10
Binding Specificity:	Cleaved-Ser331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 5 p10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from the C-terminal region of human Caspase-5 p10
Isotype:	IgG
Specificity:	Apoptosis related cysteine protease,CASP-5,CASP5,CASP5,Caspase-5 subunit p10,ICE(rel)-III,ICERELIII,ICH 3,ICH 3 protease,Protease ICH-3,Protease TY,TY,TY protease
Purification:	Affinity purification

Target Details

Target:	Caspase 5 p10
Alternative Name:	Caspase-5 p10 (Caspase 5 p10 Products)
Background:	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family.

Target Details

Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. Overexpression of the active form of this enzyme induces apoptosis in fibroblasts. Max, a central component of the Myc/Max/Mad transcription regulation network important for cell growth, differentiation, and apoptosis, is cleaved by this protein, this process requires Fas-mediated dephosphorylation of Max. The expression of this gene is regulated by interferon-gamma and lipopolysaccharide. Alternatively spliced transcript variants have been identified for this gene.

Molecular Weight:	48kDa
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Gene ID:	838
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UniProt:	P51878
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Application Details

Application Notes:	WB 1:500-1:2000, ELISA 1:20000
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Restrictions:	For Research Use only
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Handling

Concentration:	1 mg/mL
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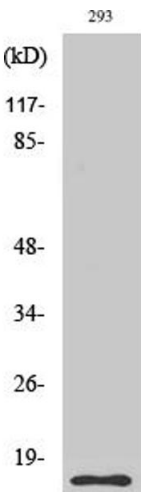
Buffer:	PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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Western Blotting

Image 1.