



# Cleaved-Caspase-5 p10 (S331) Polyclonal Antibody

Cat No: HR1AP2131

For research use only

## Overview

Product Name	Cleaved-Caspase-5 p10 (S331) Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	10kDa
GenelID?Human?	CASP5
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CASP5; ICH3; Caspase-5; CASP-5; ICE(rel)-III; Protease ICH-3; Protease TY;Caspase 5
Background	caspase 5(CASP5) <i>Homo sapiens</i> This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. 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. [provided by RefSeq, Aug 2010],