

CAB16733

Product Information

Product SKU:	CAB16733	Gene ID:	838	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	35kDa/50kDa/44kDa	Conjugate:	-
Calculated MW:	50kDa	Isotype:	IgG

Immunogen Information

Background:	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.
Recommended Dilution:	WB, 1:500 - 1:1000
Synonyms:	ICH-3; ICEREL-III; ICE(rel)III; Caspase-5
Purification Method:	Affinity purification
Immunogen:	Recombinant Protein corresponding to a sequence within amino acids 140-250 of human Caspase-5 (NP_001129584).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.