

Apaf-1 Polyclonal Antibody

Cat No: HR1AP5219

For research use only

Overview

Product Name	Apaf-1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	135kDa
GeneID?Human?	APAF1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	APAF1; KIAA0413; Apoptotic protease-activating factor 1; APAF-1
Background	apoptotic peptidase activating factor 1(APAF1) Homo sapiens This gene encodes a cytoplasmic protein that initiates apoptosis. This protein contains several copies of the WD-40 domain, a caspase recruitment domain (CARD), and an ATPase domain (NB-ARC). Upon binding cytochrome c and dATP, this protein forms an oligomeric apoptosome. The apoptosome binds and cleaves caspase 9 preproprotein, releasing its mature, activated form. Activated caspase 9 stimulates the subsequent caspase cascade that commits the cell to apoptosis. Alternative splicing results in several transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],