

Datasheet for ABIN7218288
anti-APAF1 antibody (Internal Region)



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3 Images

Overview

Quantity:	100 µL
Target:	APAF1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APAF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Apaf-1 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the Internal region of human Apaf-1
Isotype:	IgG
Specificity:	Apaf-1 Polyclonal Antibody detects endogenous levels of Apaf-1 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	APAF1
Alternative Name:	Apaf-1 (APAF1 Products)

Target Details

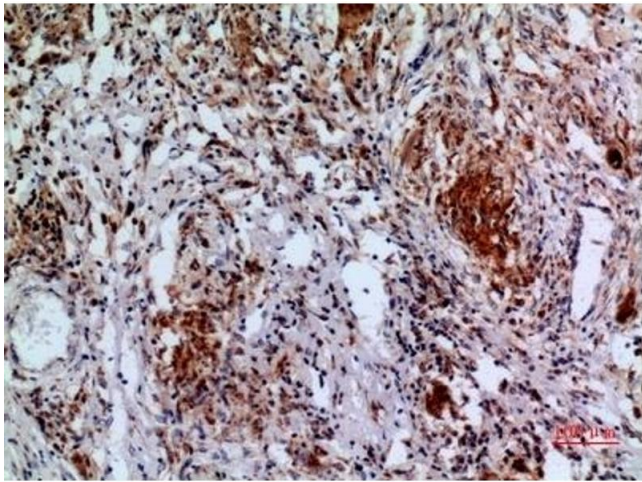
Background:	Rabbit Anti-Apaf-1 Polyclonal Antibody, APAF1, KIAA0413, Apoptotic protease-activating factor 1, APAF-1, APAF1 encodes a cytoplasmic protein that initiates apoptosis. Apoptotic protease-activating factor 1 contains several copies of the WD-40 domain, a caspase recruitment domain (CARD), and 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., Apoptotic protease-activating factor 1
Gene ID:	317
UniProt:	014727
Pathways:	p53 Signaling , Apoptosis , Caspase Cascade in Apoptosis , Tube Formation , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

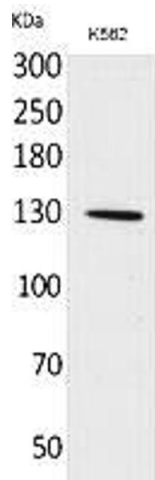
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
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 for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



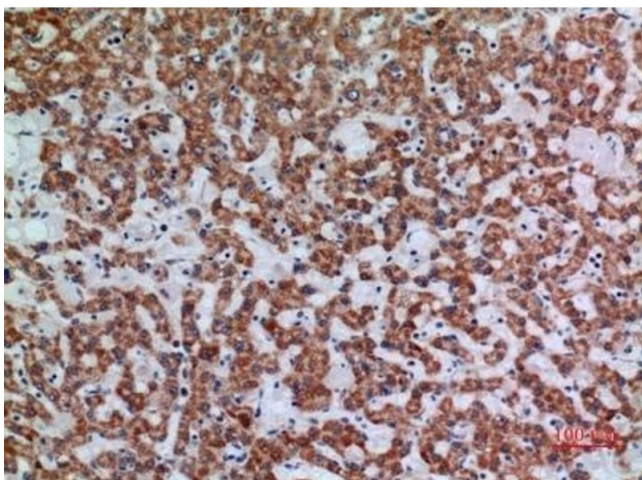
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100.



Western Blotting

Image 2. Western Blot analysis of K562 cells using Apaf-1 Polyclonal Antibody. Secondary antibody (ABIN7205155) was diluted at 1:20000.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100.