

For Research Use Only

APAF1 Polyclonal antibody

Catalog Number: 29022-1-AP **1 Publications**



Basic Information

Catalog Number: 29022-1-AP	GenBank Accession Number: BC136532	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 317	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: O14727	
Isotype: IgG	Full Name: apoptotic peptidase activating factor 1	
Immunogen Catalog Number: AG30606	Calculated MW: 1248 aa, 142 kDa	
	Observed MW: 130-140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : COLO 320 cells,
Cited Applications: WB	
Species Specificity: Human	
Cited Species: rat	

Background Information

APAF1, also named as Apoptotic protease-activating factor 1 or KIAA0413, is a 1248 amino acid protein, which contains one CARD domain, contains one NB-ARC domain and Contains fifteen WD repeats. APAF1 localizes in the cytoplasm and is widely expressed in many tissues. Highest levels of expression is in adult spleen, peripheral blood leukocytes, in fetal brain, kidney and lung. Oligomeric APAF1 mediates the cytochrome c-dependent autocatalytic activation of pro-caspase-9 (Apaf-3), leading to the activation of caspase-3 and apoptosis.

Notable Publications

Author	Pubmed ID	Journal	Application
Yujie Zhong	36501024	Nutrients	WB

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

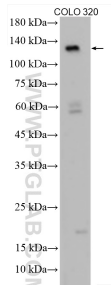
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Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 29022-1-AP (APAF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.