

APAF1 Antibody

Catalog No: #36718

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

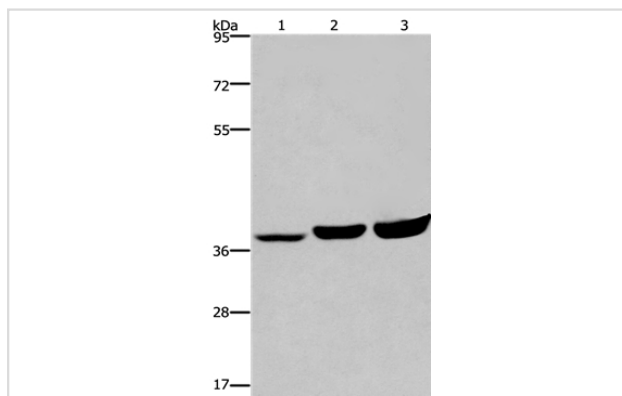
Description

Product Name	APAF1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total APAF1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Apoptotic protease-activating factor 1
Target Name	APAF1
Other Names	CED4
Accession No.	Swiss-Prot#: O14727NCBI Gene ID: 317Gene Accssion: NP_863659
Uniprot	O14727
GeneID	317;
SDS-PAGE MW	38kd
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

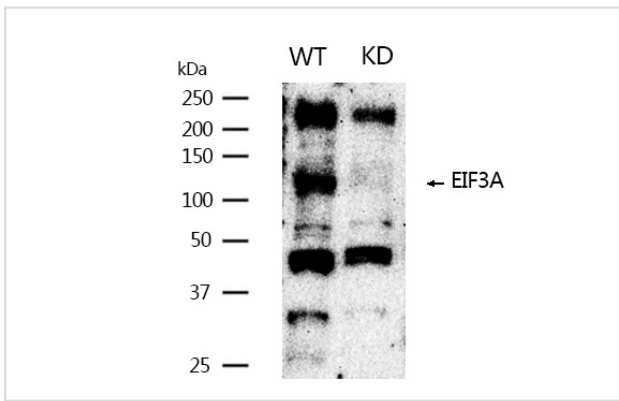
Western blotting: 1:200-1:1000

Images



Gel: 8%SDS-PAGE
Lysate: 30ug HeLa cell
Primary antibody: 1/150 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute

Western blotting analysis using APAF1 Antibody #36718.



Background

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.

Note: This product is for in vitro research use only