

Anti-APAF1 Rabbit Monoclonal Antibody

Catalog # ABO13611

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	O14727
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-APAF1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse.

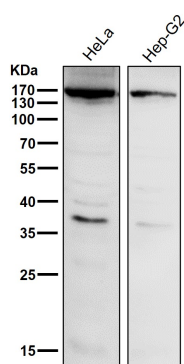
Additional Information

Gene ID	317
Other Names	Apoptotic protease-activating factor 1, APAF-1, APAF1 (HGNC:576), KIAA0413
Calculated MW	141840
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Subcellular Localization	Cytoplasm.
Tissue Specificity	Ubiquitous. Highest levels of expression in adult spleen and peripheral blood leukocytes, and in fetal brain, kidney and lung. Isoform 1 is expressed in heart, kidney and liver.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: BHF-1
Immunogen	A synthesized peptide derived from human APAF1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

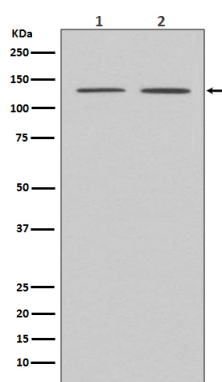
Protein Information

Name	APAF1 (HGNC:576)
Synonyms	KIAA0413
Function	Oligomeric Apaf-1 mediates the cytochrome c-dependent autocatalytic activation of pro-caspase-9 (Apaf-3), leading to the activation of caspase-3 and apoptosis. This activation requires ATP. Isoform 6 is less effective in inducing apoptosis.
Cellular Location	Cytoplasm.
Tissue Location	Ubiquitous. Highest levels of expression in adult spleen and peripheral blood leukocytes, and in fetal brain, kidney and lung. Isoform 1 is expressed in heart, kidney and liver

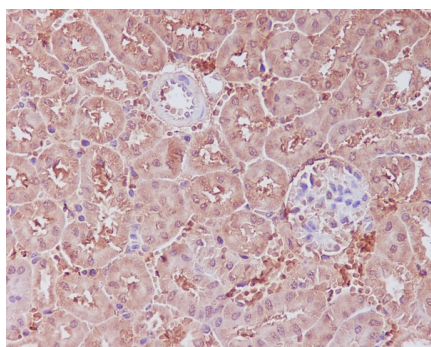
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of APAF1 expression in (1) HeLa cell lysate; (2) MCF-7 cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse kidney, using APAF1 Antibody.