

APAF-1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50980

Specification

APAF-1 Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	O14727
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37 KDa

APAF-1 Antibody - Additional Information

Gene ID 317

Other Names

Apoptotic protease-activating factor 1, APAF-1, APAF1, KIAA0413

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

APAF-1 Antibody - 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

APAF-1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

APAF-1 Antibody - Images

APAF-1 Antibody - Background

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APAF-1 Antibody - References

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Hahn C., et al. Biochem. Biophys. Res. Commun. 261:746-749(1999).
Saleh A., et al. J. Biol. Chem. 274:17941-17945(1999).
Hu Y., et al. EMBO J. 18:3586-3595(1999).
Ogawa T., et al. Biochem. Biophys. Res. Commun. 306:537-543(2003).