

APAF1 / APAF-1 Antibody (aa289-338)
Rabbit Polyclonal Antibody
Catalog # ALS15034**Specification**

APAF1 / APAF-1 Antibody (aa289-338) - Product Information

Application	WB, IHC
Primary Accession	O14727
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	142kDa KDa

APAF1 / APAF-1 Antibody (aa289-338) - Additional Information**Gene ID** 317**Other Names**

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

Target/Specificity

APAF-1-ALT Antibody detects endogenous levels of total APAF-1-ALT protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

APAF1 / APAF-1 Antibody (aa289-338) is for research use only and not for use in diagnostic or therapeutic procedures.

APAF1 / APAF-1 Antibody (aa289-338) - 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

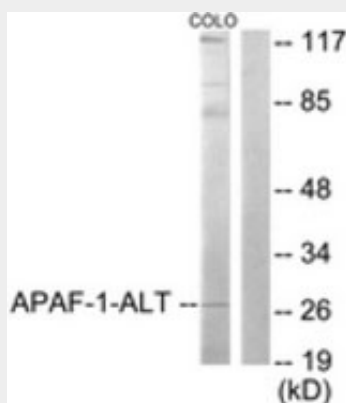
Volume
50 µl

APAF1 / APAF-1 Antibody (aa289-338) - Protocols

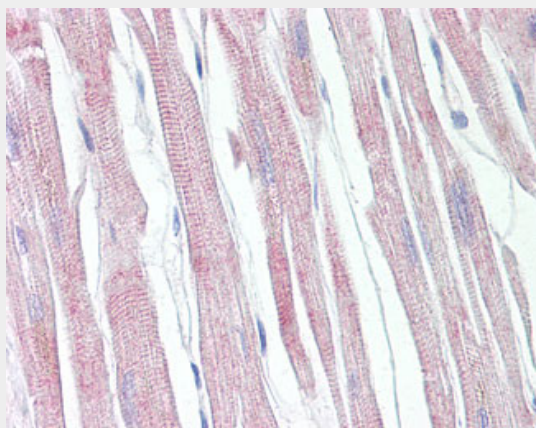
Provided below are standard protocols that you may find useful for product applications.

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

APAF1 / APAF-1 Antibody (aa289-338) - Images



Western blot of extracts from COLO205 cells, using APAF-1-ALT Antibody.



Anti-APAF1 / APAF-1 antibody IHC of human heart.

APAF1 / APAF-1 Antibody (aa289-338) - Background

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.

APAF1 / APAF-1 Antibody (aa289-338) - References

Zou H.,et al.Cell 90:405-413(1997).
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).