

Product: Anti-Apaf1 (NT)
Catalog #: 12-2013
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal

The mammalian homologues of the key cell death gene CED-4 in *C. elegans* has been identified recently from human and mouse and designated Apaf1 (Apoptosis protease-activating factor 1). Apaf1 binds to cytochrome c (Apaf2) and caspase-9 (Apaf3), which leads to caspase-9 activation. Activated caspase-9 in turn cleaves and activates caspase-3 that is one of the key proteases, being responsible for the proteolytic cleavage of many key proteins in apoptosis. Apaf1 is ubiquitously expressed in human tissues.

FORM:
IMMUNOGEN:

Purified IgG in PBS containing 0.02% Sodium Azide
A peptide corresponding to amino acids 12 to 28 of human Apaf1.

The sequences of the immunogenic peptide are identical between human and mouse.

APPLICATION:
REACTIVITY/SPECIES:
RECOMMENDED FOR POSITIVE CONTROL:

Immunoblotting (min. dilution 1:500)
Human, mouse

STORAGE:

Whole cell lysate from HeLa cells (130 kDa band should be detected)
2-8°C for immediate use, or at -20°C (aliquot).

12-2013-1 Blocking peptide available

REFERENCES:

Zou, H. et al. (1997) Cell **90**: 405-413
Cecconi, F. et al. (1998) Cell **94**: 727-737
Li, P. et al. (1997) Cell **91**: 479-489
Hu, Y. et al. (1998) Proc Natl Acad Sci USA **95**: 4386-4391

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