

Recombinant**DGRmAb®****APAF1 (DGR19632) Rabbit mAb (PBS Only)****db14482-PBS****Package : 100µg****Product Name :** APAF1 (DGR19632) Rabbit mAb (PBS Only)**Cat.No.:** db14482-PBS**Synonyms :** CED4; APAF-1**Application :** WB, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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. [provided by RefSeq, Jul 2008]

Immunogen

Recombinant protein of human APAF1

Gene ID

317

Swiss Prot

O14727

Synonyms

CED4; APAF-1

Reactivity

Human,Mouse,Rat

Application

WB, IP

Calculated MW

142 kDa

Observed MW

142 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19632

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

Western blot analysis of extracts from 293 cells using [db14482](#) at 1:1000.

