

DAP1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10206**Specification**

DAP1 Antibody - Product Information

Application	WB
Primary Accession	P51397
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11165

DAP1 Antibody - Additional Information**Gene ID** 1611**Application & Usage**

Western blotting (0.5-4 µg/ml) in samples from human, mouse and rat origins. However, the optimal conditions should be determined individually. The antibody detects the 25 kDa large subunit of caspase-8. It does not detect the full-length of caspase-8.

Other Names

death associate protein-1, death associate protein 1

Target/Specificity

DAP1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.2 mg/ml) affinity purified rabbit polyclonal antibody in PBS containing 50% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

DAP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DAP1 Antibody - Protein Information

Name DAP ([HGNC:2672](#))

Function

Ribosome-binding protein involved in ribosome hibernation, a process during which ribosomes are stabilized in an inactive state and preserved from proteasomal degradation (By similarity). Acts via its association with eIF5a (EIF5A and EIF5A2) at the polypeptide exit tunnel of the ribosome, preventing mRNA translation (By similarity). Involved in ribosome hibernation in the mature oocyte by preventing mRNA translation, leading to ribosome inactivation (By similarity). Ribosomes, which are produced in large quantities during oogenesis, are stored and translationally repressed in the oocyte and early embryo (By similarity). Also acts as a negative regulator of autophagy (PubMed:20537536). Involved in mediating interferon-gamma-induced cell death (PubMed:7828849).

DAP1 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](#)

DAP1 Antibody - Images**DAP1 Antibody - Background**

Death Associated Protein 1 (DAP1) is a 15 kDa protein that functions as a positive mediator of cell death initiated by interferon-gamma. The DAP1 protein is proline-rich and possesses one SH3 binding motif, as well as several consensus protein kinase phosphorylation sites. The protein is localized in the cytoplasm, however the detailed mechanism of its proapoptotic function is unclear.