



Apaf-1-ALT Polyclonal Antibody

Cat #: ABP50673

Size: 30µl /100µl /200µl

Product Information

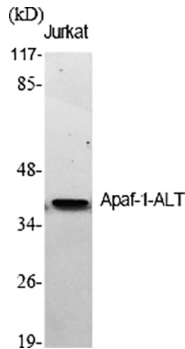
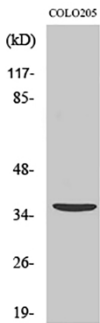
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| | Product Name: Apaf-1-ALT Polyclonal Antibody | | |
| | Applications: WB , IHC-P, IF, ELISA | | Isotype: Rabbit IgG |
| | Reactivity: Human | | |
| REF | Catalog Number: ABP50673 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: APAF1 encodes a cytoplasmic protein that initiates apoptosis. This protein (apoptotic peptidase activating factor 1) 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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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|  | <p>Fig.1. Western Blot analysis of various cells using Apaf-1-ALT Polyclonal Antibody diluted at 1:500.</p> |
|  | <p>Fig.2. Western Blot analysis of COLO205 cells using Apaf-1-ALT Polyclonal Antibody diluted at 1:500.</p> |

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.