

Rabbit anti-Human Caspase-9 Polyclonal Antibody

Anti-Caspase-9 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259106	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Caspase-9; Polyclonal Antibody; Anti-Caspase-9 Antibody; Rabbit Polyclonal; caspase 9; apoptosis-related cysteine peptidase; Anti-APAF-3 Antibody; Anti-APAF3 Antibody; Anti-ICE-LAP6 Antibody; Anti-MCH6 Antibody; Anti-PPP1R56 Antibody; anti-Caspase-9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Caspase-9
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-Caspase-9 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E coli-derived Human Caspase-9 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human Caspase-9 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

CASP9 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-CASP9 rabbit polyclonal antibody and 60 ug of Immnomagnetic beads Protein A/G. Primary antibody: Anti-CASP9 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 46 kDa. Observed band size: 46 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human CASP9 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-CASP9 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: HeLa (1µM Staurosporine treatment for 3h) Whole Cell Lysate Lane C: Jurkat Whole Cell Lysate Lysates/proteins at 30 µg per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 46 kDa Observed band size: 46 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-Caspase-9 antibody

Neural tube defects (NTDs) are birth defects of the nervous system and are the second most frequent cause of birth defects worldwide. The etiology of NTDs is complicated and involves both genetic and environmental factors. CASP9 is an initiator caspase in the intrinsic apoptosis pathway, which in Casp9^{-/-} mice has been shown to result in NTDs because of decreased apoptosis. HSP90 inhibitors are identified here as a pharmacological approach for targeting autophagy via destabilization of ATG7, while an induced expression of CASP9, but not its apoptotic activity, is identified as a resistance mechanism to the cellular stress brought about by HSP90 inhibition.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/caspase-9-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/259106>