

Rabbit anti-Human CASP8/ALPS2B Polyclonal Antibody | anti-CASP8/ALPS2B antibody

Anti-CASP8/ALPS2B Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259105	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

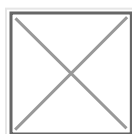
PRODUCT SYNONYMS

CASP8/ALPS2B; Polyclonal Antibody; Anti-CASP8/ALPS2B Antibody; Rabbit Polyclonal; caspase 8; apoptosis-related cysteine peptidase; Anti-ALPS2B Antibody; Anti-CAP4 Antibody; Anti-Casp-8 Antibody; Anti-FLICE Antibody; Anti-MACH Antibody; Anti-MCH5 Antibody; anti-CASP8/ALPS2B antibody

PRODUCT SPECIFICATIONS

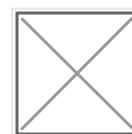
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CASP8/ALPS2B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CASP8/ALPS2B antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E coli-derived Human CASP8/ALPS2B fragment
Preparation	Produced in rabbits immunized with E coli-derived Human CASP8/ALPS2B 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)

CASP8 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate, 4 uL anti-CASP8 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-CASP8 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: 55 kDa. Observed band size: 60 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of CASP8 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human CASP8 polyclonal antibody (dilution ratio 1:200) at 4°C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human CASP8 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-CASP8 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: Jurakt Whole Cell Lysate Lysates/proteins at 30 ug 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: 55 kDa Observed band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CASP8/ALPS2B antibody

Caspase 8 is a cysteine dependent endoprotease that plays a key role in the regulation of apoptosis (also referred as programmed cell death), an event which is known to be essential in growth and development of embryo, and maintenance of tissue homeostasis. Caspases are broadly classified as apoptosis or inflammation regulatory caspases based on their role in respective processes. Of those known, caspase-3, -6, -7, -8 and -9 are categorized as apoptotic caspases, whereas caspase -1, -4, -5 and -12 are grouped as inflammatory caspases. The apoptotic caspases are further classified into initiator caspases (caspase -8 and -9) and effector caspases (caspase -3, -6 and -7) based on their role in transducing the apoptotic signals emanating at the cell membrane.

References

Menon U, Raghuram P H, Kannan K, et al. Mutation Analysis of the Dimer Forming Domain of the Caspase 8 Gene in Oral Submucous Fibrosis and Squamous Cell Carcinomas[J]. Asian Pacific journal of cancer prevention: APJCP, 2014, 16(11): 4589-4592.

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/casp8-alps2b-antibody-immunohistochemistry-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/259105>