

Rabbit Caspase 8 Polyclonal Antibody | anti-Casp8 antibody

Polyclonal Antibody to Caspase 8 (active/cleaved)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78320	Rabbit	Dog, Gerbil, Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Caspase 8; Polyclonal Antibody; Polyclonal Antibody to Caspase 8 (active/cleaved); Casp8; CASP-8; Antibody to Caspase 8 (active/cleaved); Anti-Caspase 8 (active/cleaved) Antibody; Caspase 8 (active/cleaved) Antibody; anti-Casp8 antibody

PRODUCT SPECIFICATIONS

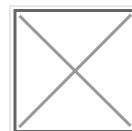
Host	Rabbit
Reactivity	Dog, Gerbil, Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Form/Format	50 ul sera
Sequence Length	480
Applicable Applications for anti-Casp8 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	A recombinant catalytically active of human Caspase-8 (active/cleaved) protein was used as the immunogen for this antibody
Preparation and Storage	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded sections from a brain tissue array stained for Caspase-8 expression using AAA78320 at 1: 2000. A. Normal brain stem (1) and cortex (2). B. Higher magnification of cortex (from A). C. Higher magnification of brain stem (from A). D. Normal cerebellum showing caspase-8 staining in the Purkinje cells.



IHC (Immunohistochemistry)

Fig: 1 Formalin-fixed, paraffin-embedded sections from a brain tumor tissue array stained for Caspase-8 expression using AAA78320 at 1: 2000. A. Anaplastic glioma (Grade III, left) and Gemistocytoma (Grade II, right) cores showing negative and positive staining for Caspase-8, respectively. B. Higher magnification of the Gemistocytoma tumor (from A).

ADDITIONAL INFORMATION

Related Product Information for anti-Casp8 antibody

Apoptosis occurs during normal cellular development and involves dramatic changes in cellular structure. Disruption of apoptosis may contribute to cancer as well as other autoimmune diseases. Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Caspase-8 is a 55 kDa cytosolic protein that is synthesized as an inactive pro-enzyme. Activation of caspase-8 involves a two-step proteolysis: the cleavage of caspase-8 to generate a 43 and a 12 kDa fragment which is further processed to 10 kDa. The p43 is then cleaved to yield p26 and the release of the active site containing p18. The Active/Cleaved Caspase-8 polyclonal antisera recognizes the large and small subunits of active/cleaved caspase-8. Whereas the antisera has a strong preference for active/cleaved caspase-8, in some cell or tissue systems or techniques the antisera may also recognize the proform of caspase-8 as well as intermediate caspase-8 cleavage fragments.

Product Categories/Family for anti-Casp8 antibody

Antibodies; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	25090576
NCBI GeneID	12370
UniProt Accession #	O89110; O35669
NCBI Official Full Name	Caspase-8
NCBI Official Synonym Full Names	caspase 8
NCBI Official Symbol	Casp8
NCBI Official Synonym Symbols	MACH; Mch5; FLICE; CASP-8
NCBI Protein Information	caspase-8
UniProt Protein Name	Caspase-8
UniProt Gene Name	Casp8
UniProt Synonym Gene Names	CASP-8

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-8-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/78320>