Rabbit Caspase 1 Polyclonal Antibody | anti-Casp12 antibody

Caspase 12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312982	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

Caspase 1; Polyclonal Antibody; Caspase 12 Antibody; CASP 12 antibody; anti-Casp12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purification
Form/Format	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Casp12 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Preparation and Storage	Store at -20 degree C

IMAGES

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed BC3H1 cells showing cytoplasmic localization.

WB (Western Blot)
Western blot analysis of caspase-12 expression in BC3H1 (A) and UV-treated NIH/3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-Casp12 antibody	A unique family of cysteine proteases has been described that differs in sequence, structure and substrate specificity from any previously described protease family. This family, termed Ced-3/caspase-1, is composed of caspase-1, caspase-2, caspase-3, caspase-4, caspase-6 and caspase-7 (also designated Mch3, ICE-LAP3 or CMH-1), caspase-9, caspase-10, caspase-14, and caspase-5/caspase-12. Ced-3/caspase-1 family members function as key components of the apoptotic machinery and act to destroy specific target proteins which are critical to cellular longevity. Caspase-5 (also designated TY or ICErelIII) can cleave its own precursor, an activity that requires the cysteine 245 residue. The mouse homolog of caspase-5 is designated caspase-12. Frameshift mutations in caspase-5 have been identified in MMP tumors of the endometrium, colon, and stomach, indicating that caspase-5 may be a new target gene in the microsatellite mutator pathway for cancer.
Product Categories/Family for anti-Casp12 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	2094806
NCBI GeneID	12364

UniProt Accession #	O08736; Q3TT82
Molecular Weight	47,854 Da
NCBI Official Full Name	caspase-12
NCBI Official Synonym Full Names	caspase 12
NCBI Official Symbol	Casp12
NCBI Protein Information	caspase-12; CASP-12
UniProt Protein Name	Caspase-12
UniProt Gene Name	**Casp12**
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/caspase-1-antibody-immunofluorescence-immunoprecipitation-western-blot-elisa/312982