

Rabbit anti-Human CASP2 Polyclonal Antibody | anti-CASP2 antibody

CASP2 Antibody

CATALOG # AAA308347	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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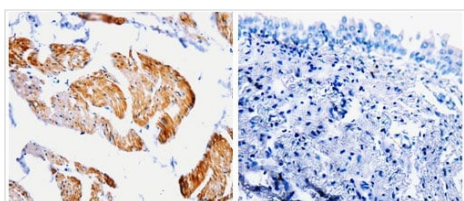
PRODUCT SYNONYMS

CASP2; Polyclonal Antibody; CASP2 Antibody; Caspase-2; ICH1; NEDD2; CASP-2; NEDD-2; anti-CASP2 antibody

PRODUCT SPECIFICATIONS

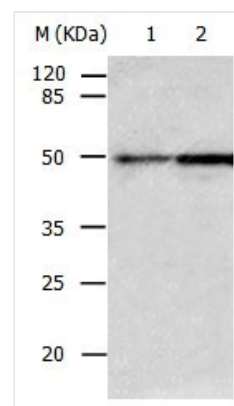
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CASP2 protein.
Form/Format	Supplied at 2mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	2888
Applicable Applications for anti-CASP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to N terminal 201 amino acids of Human Caspase-2
Target Name	CASP2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human urinary bladder tissue using 31011(CASP2 Antibody) at dilution 1/100, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE Lane1: Human fetal kidney tissue lysate Lane2: Human fetal lung tissue lysate
Lysates: 30ug per lane Primary antibody: 1/950 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-CASP2 antibody	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of specific protein substrates. The encoded protein may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene may play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Product Categories/Family for anti-CASP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	37589082
NCBI GeneID	835
Molecular Weight	10,309 Da
NCBI Official Full Name	Homo sapiens caspase 2, apoptosis-related cysteine peptidase, mRNA
NCBI Official Synonym Full Names	caspase 2, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP2
NCBI Official Synonym Symbols	ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57
NCBI Protein Information	caspase-2
UniProt Protein Name	Caspase-2
UniProt Gene Name	CASP2
UniProt Synonym Gene Names	ICH1; NEDD2; CASP-2; NEDD-2
UniProt Entry Name	CASP2_HUMAN

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/casp2-antibody-immunohistochemistry-western-blot-elisa/308347>