

Rabbit ASPN Polyclonal Antibody | anti-ASPN antibody

ASPN Polyclonal Antibody

CATALOG # AAA177089	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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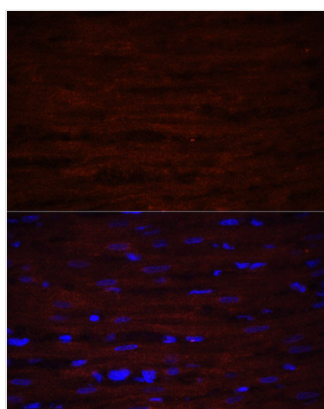
PRODUCT SYNONYMS

ASPN; Polyclonal Antibody; ASPN Polyclonal Antibody; OS3; PLAP-1; PLAP1; SLRR1C; asporin; anti-ASPN antibody

PRODUCT SPECIFICATIONS

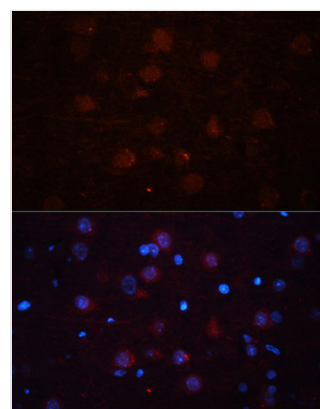
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ASPN antibody	IF (Immunofluorescence)
Immunogen	Recombinant fusion protein of human ASPN (NP_0601504)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of Rat heart using ASPN Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat brain using ASPN Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ASPEN antibody	This gene encodes a cartilage extracellular protein that is member of the small leucine-rich proteoglycan family. The encoded protein may regulate chondrogenesis by inhibiting transforming growth factor-beta 1-induced gene expression in cartilage. This protein also binds collagen and calcium and may induce collagen mineralization. Polymorphisms in the aspartic acid repeat region of this gene are associated with a susceptibility to osteoarthritis, and also with intervertebral disc disease. Alternative splicing of this gene results in multiple transcript variants.
Product Categories/Family for anti-ASPEN antibody	Cancer; Signal Transduction; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	301069324
NCBI GeneID	54829
NCBI Accession #	NP_001180264.1
NCBI GenBank Nucleotide #	NM_001193335.1
UniProt Accession #	Q9BXN1; Q5TBF3; Q96K79; Q96LD0; Q9NXP3
Molecular Weight	43,417 Da
NCBI Official Full Name	asporin isoform 2 preproprotein
NCBI Official Synonym Full Names	asporin
NCBI Official Symbol	ASPEN
NCBI Official Synonym Symbols	OS3; PLAP1; PLAP-1; SLRR1C
NCBI Protein Information	asporin; asporin proteoglycan; asporin (LRR class 1); small leucine-rich protein 1C; periodontal ligament associated protein 1
UniProt Protein Name	Asporin
UniProt Gene Name	ASPEN
UniProt Synonym Gene Names	PLAP1; SLRR1C; PLAP-1
UniProt Entry Name	ASPEN_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/aspn-antibody-immunofluorescence-elisa/177089>