

Rabbit PFN2 Polyclonal Antibody | anti-PFN2 antibody

PFN2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167697	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

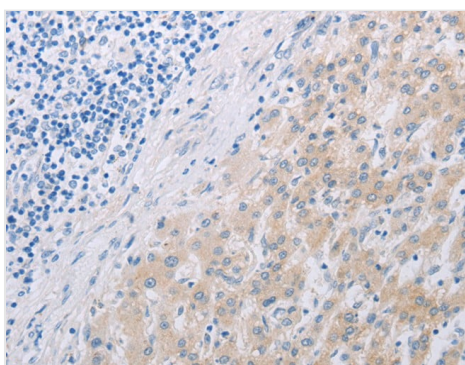
PRODUCT SYNONYMS

PFN2; Polyclonal Antibody; PFN2 Polyclonal Antibody; PFL; D3S1319E; anti-PFN2 antibody

PRODUCT SPECIFICATIONS

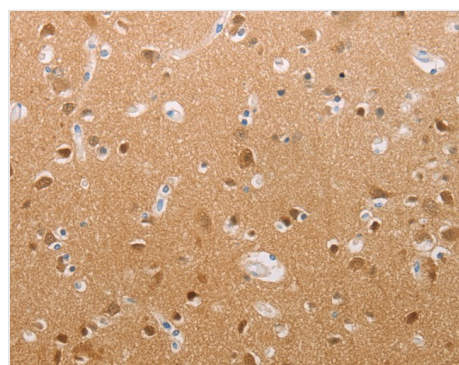
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	140
Applicable Applications for anti-PFN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human PFN2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



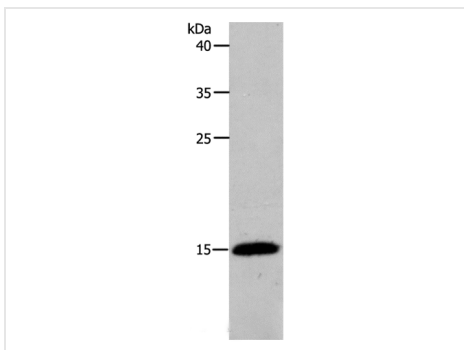
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver cancer using PFN2 Polyclonal Antibody at dilution of 1:30



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human brain using PFN2 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Human fetal brain tissue using PFN2 Polyclonal Antibody at dilution of 1:450

ADDITIONAL INFORMATION

Related Product Information for anti-PFN2 antibody

The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505751
NCBI GeneID	5217
NCBI Accession #	NP_002619.1
NCBI GenBank Nucleotide #	NM_002628.4
Molecular Weight	15,088 Da
NCBI Official Full Name	profilin-2 isoform b
NCBI Official Synonym Full Names	profilin 2
NCBI Official Symbol	PFN2
NCBI Official Synonym Symbols	PFL; D3S1319E
NCBI Protein Information	profilin-2; profilin II
UniProt Protein Name	Profilin-2
UniProt Gene Name	PFN2
UniProt Entry Name	PROF2_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://www.aaabiotech.com/polyclonal/pfn2-antibody-immunohistochemistry-western-blot-elisa/167697>