

Rabbit Profilin 2 Polyclonal Antibody | anti-PFN2 antibody

Anti-Profilin 2 antibody

CATALOG # AAA45732	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	--	---

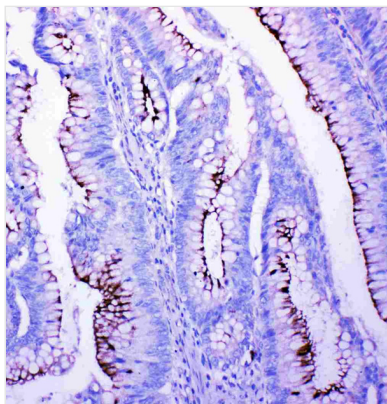
PRODUCT SYNONYMS

Profilin 2; Polyclonal Antibody; Anti-Profilin 2 antibody; Profilin-2; profilin 2; D3S1319E antibody; PFL antibody; PFN 2 antibody; PFN2 antibody; PROF2_HUMAN antibody; Profilin II antibody; Profilin-2 antibody; Profilin2 antibody; ProfilinII antibody; anti-PFN2 antibody

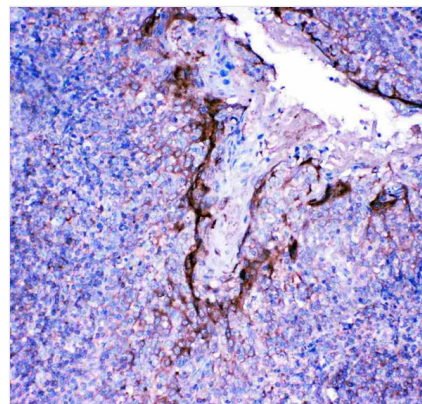
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	140
Applicable Applications for anti-PFN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Profilin 2 (125-140aa NKKAYSMAYLRDSGF), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

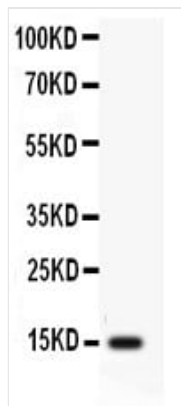
IMAGES



IHC (Immunohistochemistry)
Anti- Profilin2 antibody, AAA45732, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti- Profilin2 antibody, AAA45732, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)

Anti- Profilin2 antibody, AAA45732, Western blottingAll lanes: Anti Profilin2 (AAA45732) at 0.5ug/mlWB: Rat Brain Tissue Lysate at 50ugPredicted bind size: 15KDObserved bind size: 15KD

ADDITIONAL INFORMATION

Related Product Information for anti-PFN2 antibody	Description: Rabbit IgG polyclonal antibody for Profilin-2(PFN2) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Profilin-2, also called PFN2, is a protein that in humans is encoded by the PFN2 gene. The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. This gene is mapped to 3q25.1. It is though to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. It 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 #	20178322
NCBI GeneID	5217
UniProt Accession #	P35080; Q4VBQ4; Q8WVF9; Q9HBK2; B2R4C8; D3DNI4
Molecular Weight	15,088 Da
NCBI Official Full Name	Profilin-2
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.