

Rabbit anti-Human, Mouse Periphilin Polyclonal Antibody | anti-PPHLN1 antibody

Periphilin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39268	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Periphilin; Polyclonal Antibody; Periphilin Antibody; HSPC206; HSPC232; Periphilin-1; Gastric cancer antigen Ga50; periphilin 1; anti-PPHLN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Periphilin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	458
Applicable Applications for anti-PPHLN1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Periphilin antibody was raised against a 16 amino acid synthetic peptide near the center of human Periphilin.
Buffer	Periphilin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Periphilin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of Periphilin in human colon tissue with Periphilin antibody at 5 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of Periphilin in human colon tissue with Periphilin antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of Periphilin in mouse colon tissue lysate with Periphilin antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PPHLN1 antibody	Periphilin Antibody: Periphilin, known as PPHLN1 or gastric cancer antigen Ga50, plays a role in epithelial differentiation and contributes to epidermal integrity and barrier formation. It interacts with periplakin, a known precursor of the cornified cell envelope. Periphilin 1 is ubiquitously expressed and localizes to nucleus and cytoplasm. Existing as eight alternatively spliced isoforms, Periphilin is highly insoluble and contains a putative nuclear localization signal (NLS) within its N-terminal half, a prerequisite for the formation of insoluble complexes and a possible caspase recognition sequence and a potential nuclear export signal. Periphilin may play an important role in the nervous system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48255929
NCBI GeneID	51535
NCBI Accession #	NP_958848
NCBI GenBank Nucleotide #	NM_016488.6
UniProt Accession #	Q8NEY8; Q86YT2; Q8IXN3; Q8TB09; Q96NB9; Q9NXL4; Q9P0P6; Q9P0R9; E9PAX8
Molecular Weight	40,319 Da
NCBI Official Full Name	periphilin-1 isoform 1
NCBI Official Synonym Full Names	periphilin 1
NCBI Official Symbol	PPHLN1
NCBI Official Synonym Symbols	HSPC206; HSPC232
NCBI Protein Information	periphilin-1; gastric cancer antigen Ga50
UniProt Protein Name	Periphilin-1
UniProt Gene Name	PPHLN1
UniProt Entry Name	PPHLN_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/periphilin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39268>