# antibodies -online.com







# anti-PPHLN1 antibody (Middle Region)

**Images** 



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Quantity:	0.1 mg
Target:	PPHLN1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPHLN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

# **Product Details**

Immunogen:	16 amino acid synthetic peptide near the center of Human Periphilin
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

# **Target Details**

Target:	PPHLN1
Alternative Name:	Periphilin 1 (PPHLN1 Products)
Background:	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

#### **Target Details**

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. Synonyms: Ga50, Gastric cancer antigen Ga50, HSPC206, HSPC232, PPHLN1, Periphilin-1

Gene ID: 51535

NCBI Accession: NP\_958848

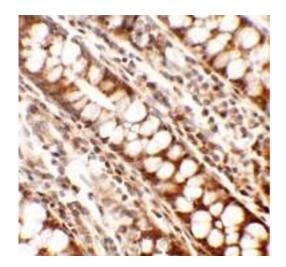
# **Application Details**

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

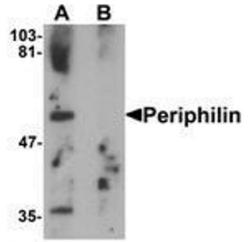
# Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



# **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of Periphilin in human colon tissue with Periphilin antibody at 2.5 ug/mL.



# **Western Blotting**

**Image 2.** Western blot analysis of Periphilin in mouse colon tissue lysate with Periphilin Antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.