



## Rabbit Anti-PPHLN1 antibody

SL7872R

<b>Product Name:</b>	PPHLN1
<b>Chinese Name:</b>	脉周蛋白1抗体(胃癌抗原蛋白Ga50)
<b>Alias:</b>	Gastric cancer antigen Ga50; Periphilin 1; Periphilin-1; PPHLN HUMAN; PPHLN1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	53kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PPHLN1:301-400/458
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<b>Function:</b> Involved in epithelial differentiation and contributes to epidermal integrity and barrier formation.

**Subunit:**

Homodimer. Interacts with PPL.

**Subcellular Location:**

Nucleus. Cytoplasm.

**Tissue Specificity:**

Ubiquitous.

**Post-translational modifications:**

Substrate of transglutaminase (in vitro).

**SWISS:**

Q8NEY8

**Gene ID:**

51535

**Database links:**

UniProtKB/Swiss-Prot: Q8NEY8.2

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

The protein encoded by this gene is one of the several proteins that become sequentially incorporated into the cornified cell envelope during the terminal differentiation of keratinocyte at the outer layers of epidermis. This protein interacts with periplakin, which is known as a precursor of the cornified cell envelope. The cellular localization pattern and insolubility of this protein suggest that it may play a role in epithelial differentiation and contribute to epidermal integrity and barrier formation. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008].

**Picture:**

Sample:

U937(Human) Cell Lysate at 30 ug

Primary: Anti- PPHLN1 (SL7872R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

	Observed band size: 53 kD
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