

**Porimin Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58709****Specification**

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**Porimin Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q8N131</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Porimin
Epitope Specificity	101-180/208
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein.
SIMILARITY	Belongs to the CD164 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

This gene encodes a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti PORIMIN (pro oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. This gene product is proposed to function as a cell surface receptor that mediates cell death.

**Porimin Polyclonal Antibody - Additional Information****Gene ID** 114908**Other Names**

Porimin, Keratinocytes-associated transmembrane protein 3, KCT-3, Pro-oncosis receptor inducing membrane injury, Transmembrane protein 123, TMEM123, KCT3

**Target/Specificity**

Ubiquitous. Not expressed in ovary. Expressed in keratinocytes.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

**Porimin Polyclonal Antibody - Protein Information**

**Name** TMEM123

**Synonyms** KCT3

**Function**

Implicated in oncotic cell death, characterized by cell swelling, organelle swelling, vacuolization and increased membrane permeability.

**Cellular Location**

Membrane; Single-pass type I membrane protein

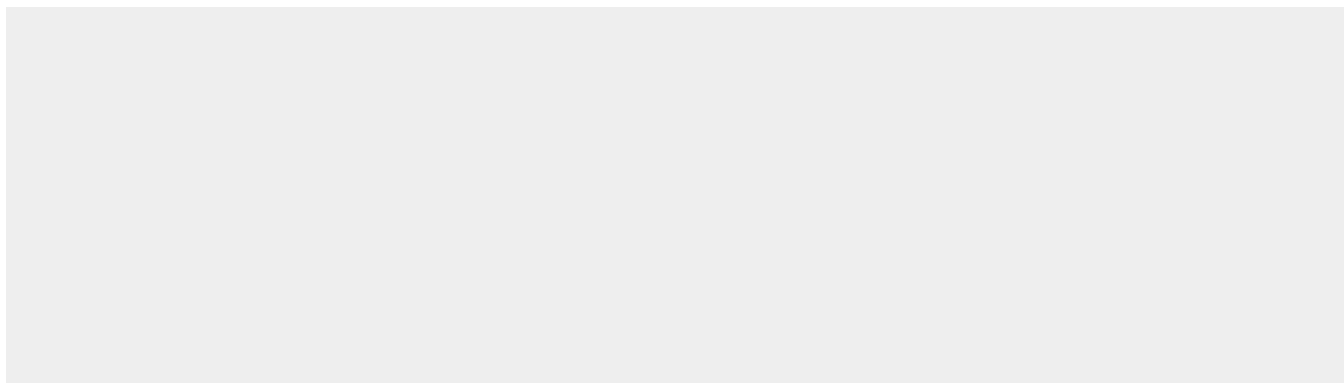
**Tissue Location**

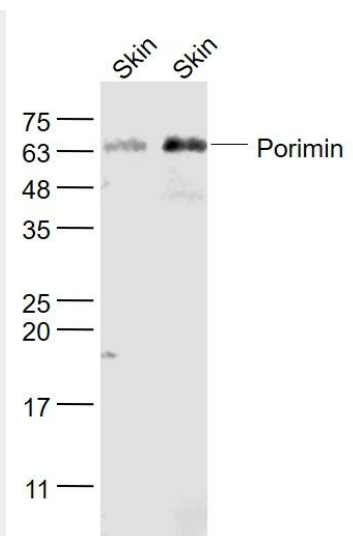
Ubiquitous. Not expressed in ovary. Expressed in keratinocytes.

**Porimin Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Porimin Polyclonal Antibody - Images**



**Sample:**

Skin (Mouse) Lysate at 40 ug

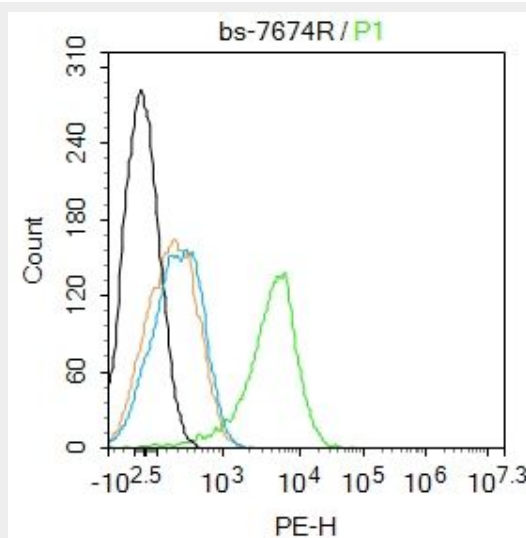
Skin (Rat) Lysate at 40 ug

Primary: Anti- Porimin (bs-7674R) at 1/1000 dilution

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

Predicted band size: 19 kD

Observed band size: 64 kD



Blank control: Molt4.

Primary Antibody (green line): Rabbit Anti-Porimin antibody (bs-7674R)

Dilution: 2 µg /10<sup>6</sup> cells;

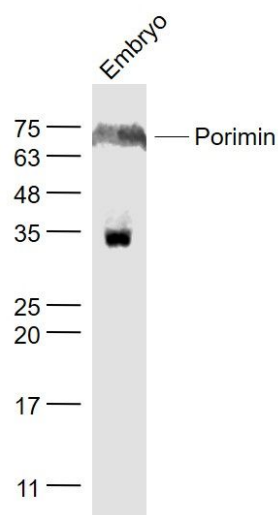
Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-PE

Dilution: 1 µg /test.

**Protocol**

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



**Sample:**

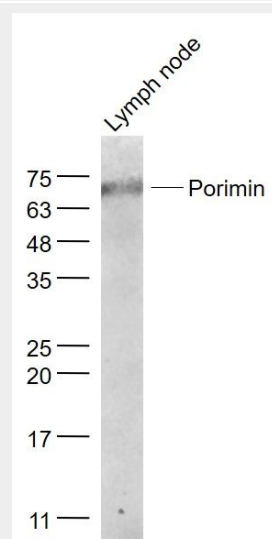
Embryo (Mouse) Lysate at 40 ug

Primary: Anti- Porimin (bs-7674R) at 1/1000 dilution

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

Predicted band size: 19 kD

Observed band size: 74 kD



**Sample:**

Lymph node (Mouse) Lysate at 40 ug

Primary: Anti- Porimin (bs-7674R) at 1/1000 dilution

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

Predicted band size: 19 kD

Observed band size: 74 kD