

Paralemmmin3 Antibody
Catalog # ASC11363**Specification**

Paralemmmin3 Antibody - Product Information

Application	WB, IF, ICC, E
Primary Accession	A6NDB9
Other Accession	NP_001138500 , 222537747
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	Paralemmmin3 antibody can be used for detection of Paralemmmin3 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Paralemmmin3 Antibody - Additional InformationGene ID **342979****Target/Specificity**

PALM3; At least two isoforms of Paralemmmin3 are known to exist; this antibody will only detect the longer isoform

Reconstitution & Storage

Paralemmmin3 antibody can be stored at 4°C for three months and -20°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.

Precautions

Paralemmmin3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Paralemmmin3 Antibody - Protein Information**Name** PALM3**Function**

ATP-binding protein, which may act as a adapter in the Toll- like receptor (TLR) signaling.

Cellular Location

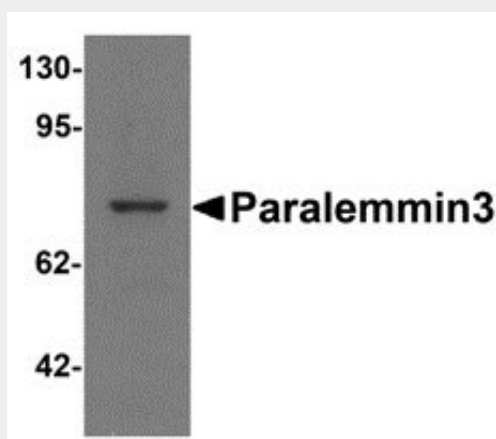
Cytoplasm. Cell membrane; Lipid-anchor

Paralemmmin3 Antibody - Protocols

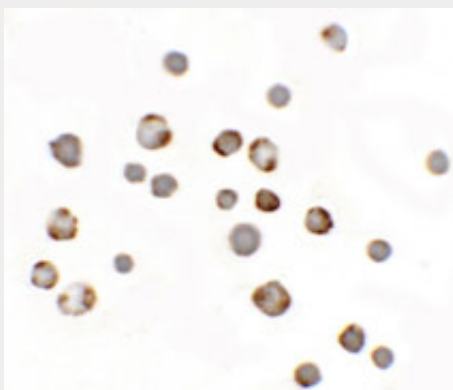
Provided below are standard protocols that you may find useful for product applications.

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

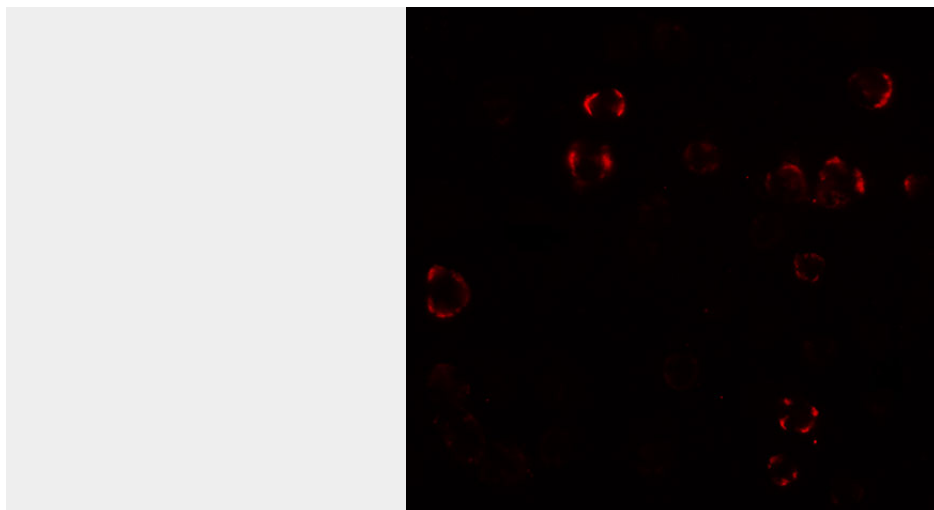
Paralemmmin3 Antibody - Images



Western blot analysis of Paralemmmin3 in MCF7 cell lysate with Paralemmmin3 antibody at 1 μ g/mL.



Immunocytochemistry of Paralemmmin 3 in MCF7 cells with Paralemmmin 3 antibody at 5 μ g/mL.



Immunofluorescence of Paralemmin 3 in MCF7 cells with Paralemmin 3 antibody at 20 $\mu\text{g/mL}$.

Paralemmin3 Antibody - Background

Paralemmin3 Antibody: Paralemmin3 is a recently identified protein that associates with the single immunoglobulin IL-1 receptor-related molecule (SIGIRR), a negative regulator of Toll-like receptor-interleukin 1 receptor signaling. Silencing of Paralemmin3 expression by RNAi inhibited the release of inflammatory cytokines in A549 cells after stimulation with lipopolysaccharide (LPS), suggesting Paralemmin3 may function as an adaptor in the LPS-TLR4 signaling pathway.

Paralemmin3 Antibody - References

Chen X, Wu X, Zhao Y, et al. A novel binding protein of single immunoglobulin IL-1 receptor-related molecule: Paralemmin-3. *Biochem. Biophys. Res. Commun.* 2011; 404:1029-33
Wald D, Qin J, Zhao Z, et al. SIGIRR, a negative regulator of Toll-like receptor-interleukin 1 receptor signaling. *Nat. Immunol.* 2003; 4:920-7.