

LRIT3 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15877**Specification**

LRIT3 Antibody - middle region - Product Information

Application	WB
Primary Accession	Q3SXY7
Reactivity	Human, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69kDa KDa

LRIT3 Antibody - middle region - Additional Information**Gene ID** 345193**Other Names**

Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 3, LRIT3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LRIT3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LRIT3 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

LRIT3 Antibody - middle region - Protein Information**Name** LRIT3**Function**

Plays a role in the synapse formation and synaptic transmission between cone photoreceptor cells and retinal bipolar cells (By similarity). Required for normal transmission of a light-evoked stimulus from the cone photoreceptor cells to the ON-bipolar cells and ON-ganglion cells in the inner retina (PubMed:28334377). Required in retinal ON-bipolar cells for normal localization of the cation channel TRPM1 at dendrite tips (By similarity). Seems to play a specific role in synaptic contacts made by ON-bipolar cells with cone photoreceptor pedicles (By similarity). May also have a role in cone synapse formation (By similarity). Might facilitate FGFR1 exit from the endoplasmic reticulum to the Golgi (PubMed:22673519). Could be a regulator of the FGFRs (PubMed:22673519).

Cellular Location

Cell projection, dendrite. Perikaryon {ECO:0000250|UniProtKB:W8DXL4}. Endoplasmic reticulum membrane; Single-pass type I membrane protein Note=Punctate expression at dendrite tips

Tissue Location

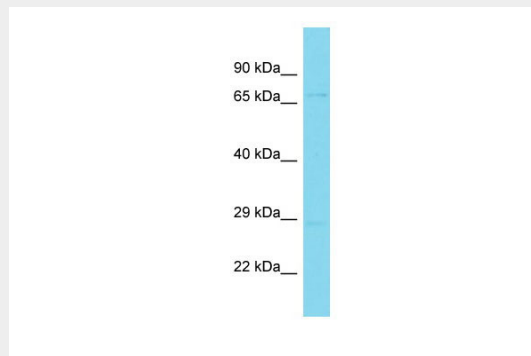
Detected in the outer plexiform layer (OPL) of the retina where it localizes to ON-bipolar cells (at protein level)

LRIT3 Antibody - middle region - 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](#)

LRIT3 Antibody - middle region - Images



Host: Rabbit
Target Name: LRIT3
Sample Tissue: MCF7 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

LRIT3 Antibody - middle region - Background

Might facilitate FGFR1 exit from the endoplasmic reticulum to the Golgi. Could be a regulator of the FGFRs.

LRIT3 Antibody - middle region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Kim S.D.,et al.FEBS Lett. 586:1516-1521(2012).
Zeitzi C.,et al.Am. J. Hum. Genet. 92:67-75(2013).