

LRIT3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56145**Specification**

LRIT3 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q3SXY7
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74754

LRIT3 Polyclonal Antibody - Additional Information**Gene ID** 345193**Other Names**

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

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

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.

LRIT3 Polyclonal Antibody - 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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/22673519)). Could be a regulator of the FGFRs (PubMed: [22673519](http://www.uniprot.org/citations/22673519))

target="_blank">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 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](#)

LRIT3 Polyclonal Antibody - Images