

LRIT1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11414b**Specification**

LRIT1 Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	O9P2V4
Other Accession	NP_056428.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	68041
Antigen Region	594-622

LRIT1 Antibody (C-term) - Additional Information**Gene ID** 26103**Other Names**

Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1, Leucine-rich repeat-containing protein 21, Photoreceptor-associated LRR superfamily protein, Retina-specific protein PAL, LRIT1, LRRC21, PAL

Target/Specificity

This LRIT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 594-622 amino acids from the C-terminal region of human LRIT1.

Dilution

WB~~1:1000

FC~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LRIT1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LRIT1 Antibody (C-term) - Protein Information

Name LRIT1

Synonyms LRRC21, PAL

Function Photoreceptor synaptic protein essential for normal vision (By similarity). Involved in synapse formation in cone photoreceptor cells (By similarity).

Cellular Location

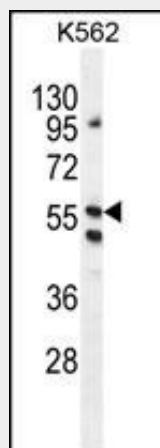
Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9JMH2}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q9JMH2}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q8K099}

LRIT1 Antibody (C-term) - Protocols

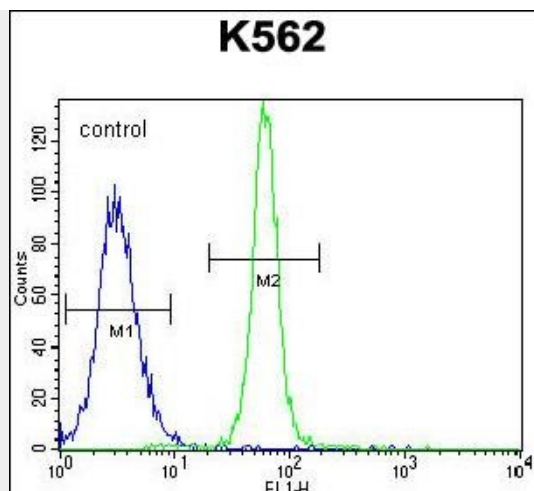
Provided below are standard protocols that you may find useful for product applications.

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

LRIT1 Antibody (C-term) - Images



LRIT1 Antibody (C-term) (Cat. #AP11414b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the LRIT1 antibody detected the LRIT1 protein (arrow).



LRIT1 Antibody (C-term) (Cat. #AP11414b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

LRIT1 Antibody (C-term) - Background

Possible role in phototransduction.

LRIT1 Antibody (C-term) - References

- Davila, S., et al. Genes Immun. 11(3):232-238(2010)
- Olsen, J.V., et al. Cell 127(3):635-648(2006)
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- Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)
- Gomi, F., et al. J. Neurosci. 20(9):3206-3213(2000)