

ARG44413 anti-LRIT3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes LRIT3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LRIT3
Species	Human
Immunogen	Human LRIT3 recombinant protein (aa. sequence: E50-R573).
Conjugation	Un-conjugated
Alternate Names	LRIT3; Leucine Rich Repeat, Ig-Like And Transmembrane Domains 3; FIGLER4; CSNB1F; Leucine-Rich Repeat, Immunoglobulin-Like Domain And Transmembrane Domain-Containing Protein 3; Fibronectin Type III, Immunoglobulin And Leucine Rich Repeat Domains 4

Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml

Application Note The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

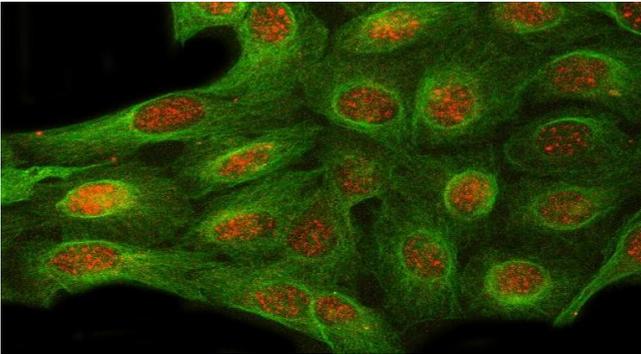
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

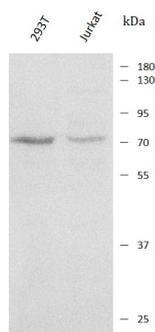
Gene Symbol	LRIT3
Gene Full Name	Leucine Rich Repeat, Ig-Like And Transmembrane Domains 3
Background	This gene encodes a protein that has a fibronectin type III domain and a C-terminal transmembrane domain, as well as a leucine-rich repeat domain and immunoglobulin-like domain near the N-terminus. The encoded protein may regulate fibroblast growth factor receptors and affect the modification of these receptors, which are glycosylated differently in the Golgi and endoplasmic reticulum. Mutations in this gene are associated with congenital stationary night blindness, type 1F.
Function	Plays a role in the synapse formation and synaptic transmission between cone photoreceptor cells and retinal bipolar cells.
Calculated Mw	75 kDa
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Cell projection, Endoplasmic reticulum, Membrane

Images



ARG44413 anti-LRIT3 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44413 anti-LRIT3 antibody at 5 μ g/mL dilution.

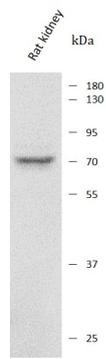


ARG44413 anti-LRIT3 antibody WB image

Western blot: 293T and Jurkat stained with ARG44413 anti-LRIT3 antibody at 0.5 μ g/mL dilution.

ARG44413 anti-LRIT3 antibody WB image

Western blot: Rat kidney stained with ARG44413 anti-LRIT3 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG44413 anti-LRIT3 antibody WB image

Western blot: Mouse kidney stained with ARG44413 anti-LRIT3 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.

