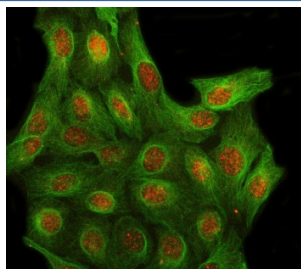


## LRIT3 Antibody (RQ8551)

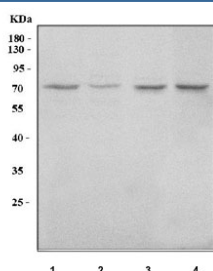
Catalog No.	Formulation	Size
RQ8551	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q3SXY7
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This LRIT3 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with LRIT3 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human 293T, 2) human Jurkat, 3) rat kidney and 4) mouse kidney tissue lysate with LRIT3 antibody. Predicted molecular weight ~75 kDa but may be observed at higher molecular weights due to glycosylation.

## Description

Leucine-rich repeat, immunoglobulin-like and transmembrane domains 3 is a protein that in humans is encoded by the LRIT3 gene. 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.

## Application Notes

Optimal dilution of the LRIT3 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids E50-R573) was used as the immunogen for the LRIT3 antibody.

## Storage

After reconstitution, the LRIT3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.