Anti-LRPPRC antibody

Cat. No.	ml260570
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-LRPPRC rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human LRPPRC
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	LRPPRC
Full name	leucine-rich pentatricopeptide repeat containing
Synonyms	LSFC, GP130, LRP130, CLONE-23970
Swissprot	P42704

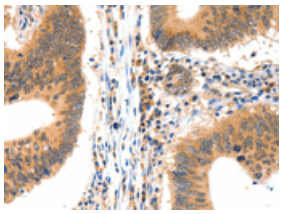
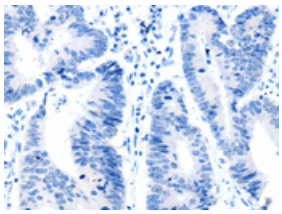
Target Background

This gene encodes a leucine-rich protein that has multiple pentatricopeptide repeats (PPR). The precise role of this protein is unknown but studies suggest it may play a role in cytoskeletal organization, vesicular transport, or in transcriptional regulation of both nuclear and mitochondrial genes. The protein localizes primarily to mitochondria and is predicted to have an N-terminal mitochondrial targeting sequence. Mutations in this gene are associated with the French-Canadian type of Leigh syndrome.

Applications

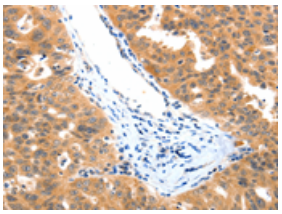
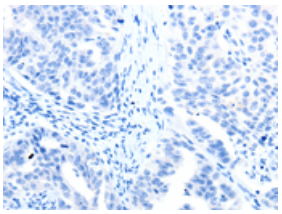
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human colon cancer
Recommended dilution: 15-50

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml260570(LRPPRC Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human ovarian cancer
Recommended dilution: 15-50

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml260570(LRPPRC Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-2000