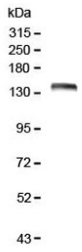
LRIG1 Antibody (RQ4668)

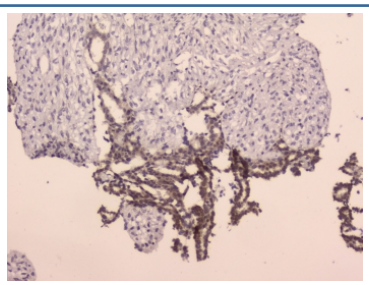
Catalog No.	Formulation	Size
RQ4668	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q96JA1
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml
Limitations	This LRIG1 antibody is available for research use only.



Western blot testing of human Caco-2 lysate with LRIG1 antibody at 0.5ug/ml. Expected molecular weight: 119-145 kDa depending on glycosylation level. Soluble fragments of 90-105 kDa and 60-70 kDa may also be observed.



IHC staining of FFPE human breast cancer with LRIG1 antibody at 2ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

Description

Leucine-rich repeats and immunoglobulin-like domains protein 1 is a protein that in humans is encoded by the LRIG1 gene. It encodes a transmembrane protein that has been shown to interact with receptor tyrosine kinases of the EGFR-family, MET and RET. This gene encodes a member of the ATP-dependent DNA ligase protein family. The encoded protein functions in DNA replication, recombination, and the base excision repair process. Mutations in this gene that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents. Disruption of this gene may also be associated with a variety of cancers. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the LRIG1 antibody should be determined by the researcher.

Immunogen

Amino acids AKRAFSGLESLEHLNLGENAIRSVQFDAFAKMKNLKELYI were used as the immunogen for the LRIG1 antibody.

Storage

After reconstitution, the LRIG1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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