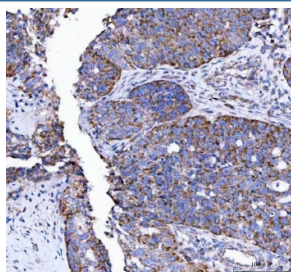


LRRN4 Antibody / Leucine-rich repeat neuronal protein 4 (RQ8577)

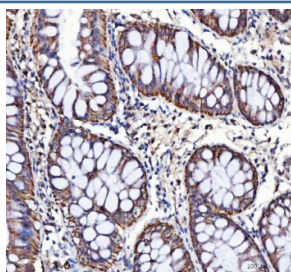
Catalog No.	Formulation	Size
RQ8577	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

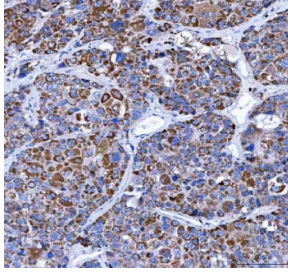
Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8WUT4
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This LRRN4 antibody is available for research use only.



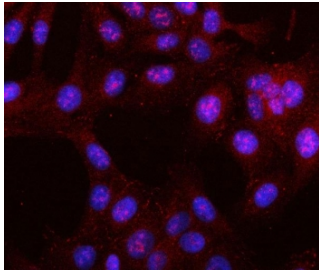
IHC staining of FFPE human ovarian cancer tissue with LRRN4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



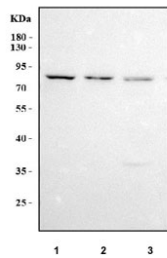
IHC staining of FFPE human colorectal adenocarcinoma tissue with LRRN4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



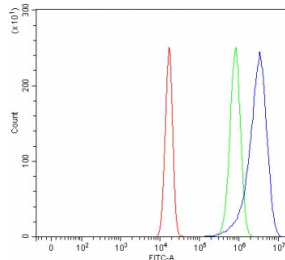
IHC staining of FFPE human liver cancer tissue with LRRN4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human U-2 OS cells with LRRN4 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) Caco-2, 2) U-2 OS and 3) HepG2 cell lysate with LRRN4 antibody. Predicted molecular weight ~79 kDa but may be observed at higher molecular weights due to glycosylation.



Flow cytometry testing of fixed and permeabilized human U-2 OS cells with LRRN4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= LRRN4 antibody.

Description

LRRN4 may play an important role in hippocampus-dependent long-lasting memory.

Application Notes

Optimal dilution of the LRRN4 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids H125-R656) was used as the immunogen for the LRRN4 antibody.

Storage

After reconstitution, the LRRN4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

