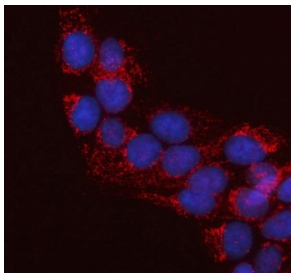
# LRRC34 Antibody / Leucine-rich repeat-containing protein 34 (RQ8740)

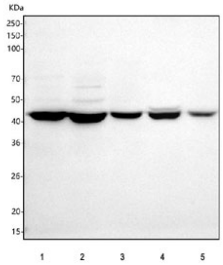
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8740 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

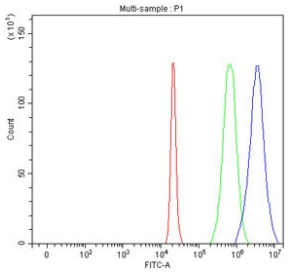
| | |
|---|---|
| **Availability** | 1-3 days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity chromatography |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q8IZ02 |
| **Localization** | Cytoplasm, Nucleus |
| **Applications** | 1-2ug/ml5ug/ml1-3ug/million cells0.1-0.5ug/ml |
| **Limitations** | This LRRC34 antibody is available for research use only. |



Immunofluorescent staining of FFPE human U-2 OS cells with LRRC34 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.




Western blot testing of 1) human Jurkat, 2) human HEL, 3) rat C6, 4) mouse testis and 5) mouse RAW264.7 cell lysate with LRRC34 antibody. Predicted molecular weight ~51 kDa and ~48 kDa (two isoforms).




Flow cytometry testing of fixed and permeabilized human 293T cells with LRRC34 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= LRRC34 antibody.

## Description

LRRC34 is a 419 amino acid protein that contains 2 LRR repeats. The gene encoding LRRC34 maps to chromosome 3, which encodes over 1,100 genes. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

## Application Notes

Optimal dilution of the LRRC34 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids M221-P464) was used as the immunogen for the LRRC34 antibody.

## Storage

After reconstitution, the LRRC34 Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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