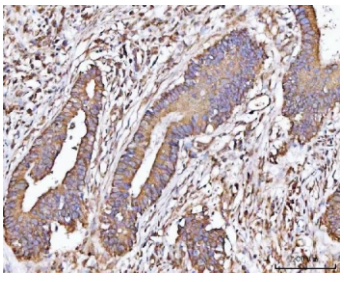
# MICAL-like protein 2 Antibody / MICALL2 (RQ8431)

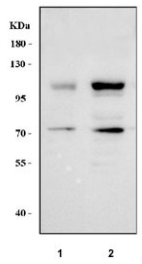
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8431 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

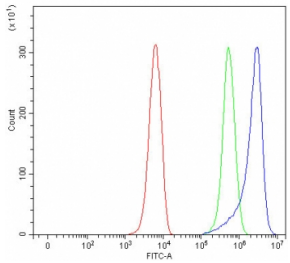
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q8IY33 |
| **Localization** | Cytoplasm |
| **Applications** | Western blot: 0.5-1ug/ml<br>Immunohistochemistry (FFPE): 2-5ug/ml<br>Flow cytometry: 1-3ug/million cells<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This MICAL-like protein 2 antibody is available for research use only. |



IHC staining of FFPE human colorectal adenocarcinoma tissue with MICAL-like protein 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.




Western blot testing of human 1) U-2 OS and 2) K562 cell lysate with MICAL-like protein 2 antibody. Predicted molecular weight ~98 kDa with multiple smaller isoforms including ~75 kDa and ~71 kDa.




Flow cytometry testing of fixed and permeabilized human K562 cells with MICAL-like protein 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MICAL-like protein 2 antibody.

## Description

Enables filamin binding activity. Involved in positive regulation of protein targeting to mitochondrion. Predicted to be located in several cellular components, including bicellular tight junction; neuron projection; and recycling endosome. Predicted to colocalize with stress fiber.

## Application Notes

Optimal dilution of the MICAL-like protein 2 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (K132-Q741) was used as the immunogen for the MICAL-like protein 2 antibody.

## Storage

After reconstitution, the MICAL-like protein 2 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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