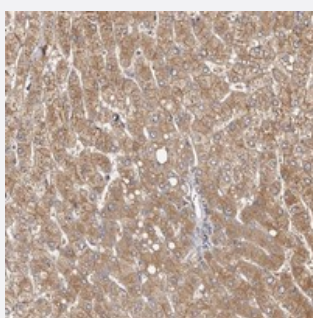


MICAL2 polyclonal antibody

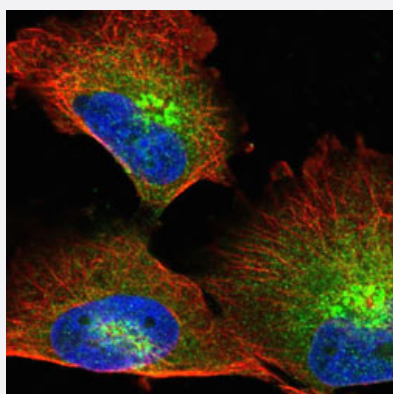
Catalog # PAB22448 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with MICAL2 polyclonal antibody (Cat # PAB22448) shows moderate cytoplasmic and membranous positivity in hepatocytes.



Immunofluorescence

Immunofluorescent staining of U-251 MG cells with MICAL2 polyclonal antibody (Cat # PAB22448) under 1-4 ug/mL working concentration.

Specification

| | |
|---------------------|---|
| Product Description | Rabbit polyclonal antibody raised against recombinant MICAL2. |
| Immunogen | Recombinant protein corresponding to amino acids of human MICAL2. |
| Sequence | PVTTGKEMASAEQPDKLSMVMYLSKFYELFRGTPLRPVDSWRKNYGENADLSLAKSSISNNYLNLT TFPRKRTPRVDGQTGENDMNKRRRKGFNTLDEPSNFFSSRLGSGNQECGSSKEGGNQNKVKSM |
| Host | Rabbit |
| Reactivity | Human |

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Antigen affinity purification |
| Isotype | IgG |
| Recommend Usage | Immunofluorescence (1-4 ug/mL) Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with MICAL2 polyclonal antibody (Cat # PAB22448) shows moderate cytoplasmic and membranous positivity in hepatocytes.

- Immunofluorescence

Immunofluorescent staining of U-251 MG cells with MICAL2 polyclonal antibody (Cat # PAB22448) under 1-4 ug/mL working concentration.

Gene Info — MICAL2

| | |
|--------------------|--|
| Entrez GeneID | 9645 |
| Protein Accession# | O94851 |
| Gene Name | MICAL2 |
| Gene Alias | DKFZp686H03148, DKFZp686H2469, KIAA0750, MICAL2PV1, MICAL2PV2 |
| Gene Description | microtubule associated monooxygenase, calponin and LIM domain containing 2 |
| Omim ID | 608881 |
| Gene Ontology | Hyperlink |
| Gene Summary | O |

Other Designations

flavoprotein oxidoreductase MICAL2

Publication Reference

- [MICAL2 Is a Novel Nucleocytoplasmic Shuttling Protein Promoting Cancer Invasion and Growth of Lung Adenocarcinoma.](#)

Wolong Zhou, Yuanqi Liu, Yang Gao, Yuanda Cheng, Ruimin Chang, Xizhe Li, Yanwu Zhou, Shaoqiang Wang, Lubiao Liang, Chaojun Duan, Chunfang Zhang.

Cancer Letters 2020 Jul; 483:75.

Application: IHC-P, IF, Human, Lung, PC-9 cells

Disease

- [Tobacco Use Disorder](#)