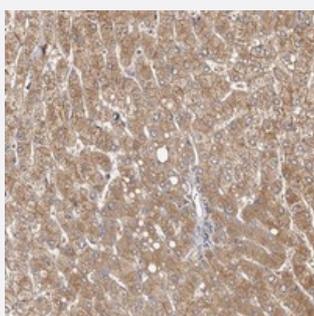


# MICAL2 polyclonal antibody

Catalog # PAB22448

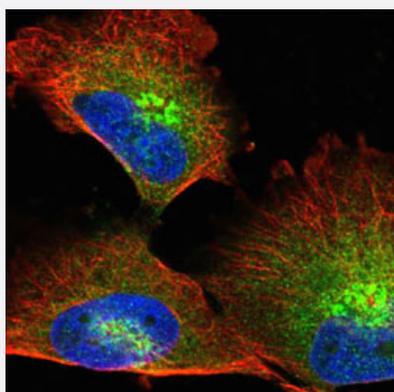
Size 100 uL

## 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**

 PVTTGKEMASAEQPDKLSMVMYLSKIFYELFRGTPLRPVDSWRKNYGENADLSLAKSSISNNYLNLT  
 TFPRKRTPRVDGQTGENDMNKRRRKGFNTLDEPSNFFSSRSLGNSNQECGSSKEGGNQNKVKSM

**Host**

Rabbit

**Reactivity**

Human

<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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)

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- Immunofluorescence

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

## Gene Info — MICAL2

<b>Entrez GeneID</b>	<a href="#">9645</a>
<b>Protein Accession#</b>	<a href="#">O94851</a>
<b>Gene Name</b>	MICAL2
<b>Gene Alias</b>	DKFZp686H03148, DKFZp686H2469, KIAA0750, MICAL2PV1, MICAL2PV2
<b>Gene Description</b>	microtubule associated monooxygenase, calponin and LIM domain containing 2
<b>Omim ID</b>	<a href="#">608881</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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](#)