

Product datasheet

Anti-OPA3 antibody ab230205

3 Images

Overview

Product name	Anti-OPA3 antibody
Description	Rabbit polyclonal to OPA3
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human OPA3 aa 25-179. Database link: Q9H6K4
Positive control	IHC-P: Human kidney and gastric cancer tissues. ICC/IF: HeLa cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab230205** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/50 - 1/200.
IHC-P		1/20 - 1/200.

Target

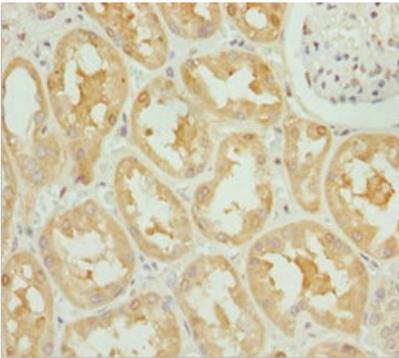
Relevance

OPA3 may play some role in mitochondrial processes. Defects in OPA3 are the cause of 3-methylglutaconic aciduria type 3 (MGA3), also known as optic atrophy plus syndrome, and of optic atrophy type 3 (OPA3), also known as autosomal dominant optic atrophy and cataract (ADOAC).

Cellular localization

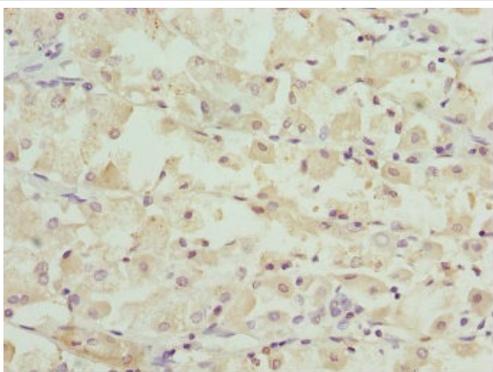
Mitochondrial

Images



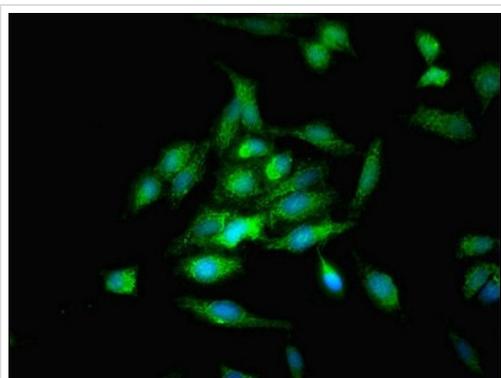
Paraffin-embedded human kidney tissue stained for OPA3 using ab230205 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-OPA3 antibody (ab230205)



Paraffin-embedded human gastric cancer tissue stained for OPA3 using ab230205 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-OPA3 antibody (ab230205)



Immunocytochemistry/ Immunofluorescence - Anti-OPA3 antibody (ab230205)

HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for OPA3 (green) using ab230205 at 1/100 dilution in ICC/IF, followed by Alexa Fluor 488[®] conjugated Goat Anti-Rabbit IgG (H+L).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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