

## ARG40098 anti-HIGD1A antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HIGD1A
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HIGD1A
Species	Human
Immunogen	Synthetic peptide within aa. 1-93 of Human HIGD1A (NP_054775.2).
Conjugation	Un-conjugated
Alternate Names	HIG1; RCF1a; RCF1 homolog A; HIG1 domain family member 1A, mitochondrial; Hypoxia-inducible gene 1 protein

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	14 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	HIGD1A
Gene Full Name	HIG1 hypoxia inducible domain family, member 1A
Function	Proposed subunit of cytochrome c oxidase (COX, complex IV), which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water. May play a role in the assembly of respiratory supercomplexes. [UniProt]
Calculated Mw	10 kDa
Cellular Localization	Mitochondrion membrane; Multi-pass membrane protein. Mitochondrion inner membrane. [UniProt]

## Images

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ARG40098 anti-HIGD1A antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG40098 anti-HIGD1A antibody at 1:1000 dilution.