ARG56229
anti-MOSC1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MOSC1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MOSC1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 175-204 (Center) of Human MOSC1.
Conjugation	Un-conjugated
Alternate Names	Mitochondrial amidoxime-reducing component 1; EC 1.-.-.-; MOSC domain-containing protein 1; MOSC1; Molybdenum cofactor sulfurase C-terminal domain-containing protein 1; Moco sulfurase C-terminal domain-containing protein 1; mARC1

Application Instructions

Application table

Application	Dilution
IHC-P	1:50 - 1:100
WB	1:1000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HepG2

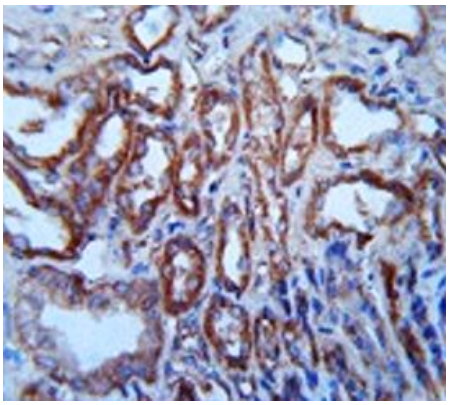
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
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

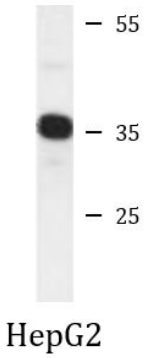
Database links	GeneID: 64757 Human Swiss-port # Q5VT66 Human
Gene Symbol	42064
Gene Full Name	mitochondrial amidoxime reducing component 1
Function	As a component of an N-hydroxylated prodrug-converting complex required to reduce N-hydroxylated prodrugs, such as benzamidoxime. Also able to reduce N(omega)-hydroxy-L-arginine (NOHA) and N(omega)-hydroxy-N(delta)-methyl-L-arginine (NHAM) into L-arginine and N(delta)-methyl-L-arginine, respectively. [UniProt]
Calculated Mw	37 kDa
Cellular Localization	Mitochondrion outer membrane; Single-pass type II membrane protein. Note=Mitochondrial import is mediated by AA 1-40 and requires ATP

Images



ARG56229 anti-MOSC1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human kidney tissue stained with ARG56229 anti-MOSC1 antibody.



ARG56229 anti-MOSC1 antibody WB image

Western blot: 35 µg of HepG2 cell lysate stained with ARG56229 anti-MOSC1 antibody.