

Rabbit anti-Human MOSC2 Polyclonal Antibody | anti-MOSC2 antibody

MOSC2 Antibody (C-term)

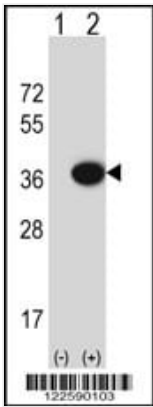
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286001	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

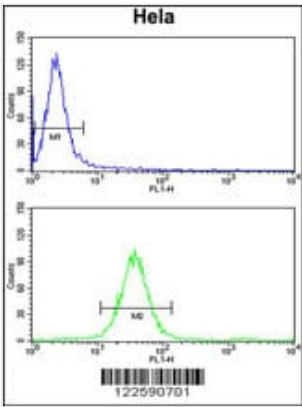
MOSC2; Polyclonal Antibody; MOSC2 Antibody (C-term); Mitochondrial amidoxime reducing component 2; mARC2; 1---; Molybdenum cofactor sulfurase C-terminal domain-containing protein 2; MOSC domain-containing protein 2; Moco sulfurase C-terminal domain-containing protein 2; MARC2; anti-MOSC2 antibody

PRODUCT SPECIFICATIONS

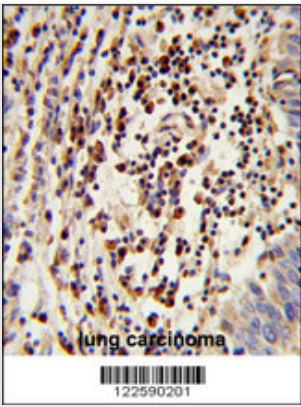
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MOSC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 270-300 amino acids from the C-terminal region of human MOSC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	270-300
Sequence Length	335
Applicable Applications for anti-MOSC2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



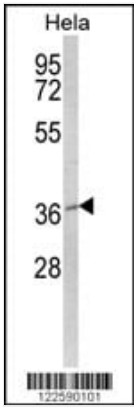
WB (Western Blot)
Western blot analysis of MOSC2 (arrow) using rabbit polyclonal MOSC2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MOSC2 gene.



FCM/FACS (Flow Cytometry)
MOSC2 Antibody (C-term) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with MOSC2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MOSC2 Antibody (C-term) in HeLa cell line lysates (35ug/lane). MOSC2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MOSC2 antibody	Catalytic component of the benzamidoxime prodrug-converting complex, a complex required to reduce N-hydroxylated structures, such as benzamidoxime prodrug. Benzamidoxime is an amidine prodrug produced by N-hydroxylation which is used to enhance bioavailability and increase intestinal absorption. It is then reduced into benzamidine, its active amidine, by the benzamidoxime prodrug-converting complex.
Product Categories/Family for anti-MOSC2 antibody	Metabolism; Signal Transduction
References	Havemeyer,A., et.al., J. Biol. Chem. 281 (46), 34796-34802 (2006) Simpson,J.C., et.al.,EMBO Rep. 1 (3), 287-292 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542713
NCBI GeneID	54996
NCBI Accession #	NP_060368.2
NCBI GenBank Nucleotide #	NM_017898.3
UniProt Accession #	Q969Z3; Q0JSK7; Q5VT67; Q5VXC7; Q7L317; Q9H066; Q9NWU0; B2D0R5; D3DTB3

Molecular Weight	38023
NCBI Official Full Name	mitochondrial amidoxime reducing component 2
NCBI Official Synonym Full Names	mitochondrial amidoxime reducing component 2
NCBI Official Symbol	MARC2
NCBI Official Synonym Symbols	MOSC2
NCBI Protein Information	mitochondrial amidoxime reducing component 2
UniProt Protein Name	Mitochondrial amidoxime reducing component 2
UniProt Gene Name	MARC2
UniProt Synonym Gene Names	MOSC2; mARC2; MOSC domain-containing protein 2; Moco sulfurase C-terminal domain-containing protein 2
UniProt Entry Name	MARC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mosc2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286001>