

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

MIOX Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289074	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MIOX; Polyclonal Antibody; MIOX Antibody (N-term); Inositol oxygenase; Aldehyde reductase-like 6; Kidney-specific protein 32; Myo-inositol oxygenase; MIOX oxygenase; Renal-specific oxidoreductase; ALDRL6; KSP32; RSOR; anti-MIOX antibody

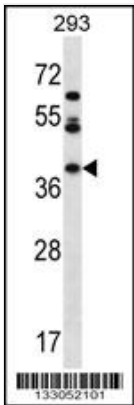
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MIOX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MIOX.
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	1-30
Sequence Length	231
Applicable Applications for anti-MIOX antibody	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.

IMAGES



IHC (Immunohiostchemistry)
MIOX Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MIOX Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MIOX Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the MIOX antibody detected the MIOX protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MIOX antibody	The specific function of this protein remains unknown.
Product Categories/Family for anti-MIOX antibody	Metabolism ; Signal Transduction
References	Yang, B., et al. J. Diabetes Complicat. (2009) In press : Prabhu, K.S., et al. J. Biol. Chem. 280(20):19895-19901(2005) Arner, R.J., et al. Biochem. Biophys. Res. Commun. 324(4):1386-1392(2004) Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) : Arner, R.J., et al. Biochem. J. 360 (PT 2), 313-320 (2001) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	33667030
NCBI GeneID	55586
NCBI Accession #	NP_060054.4
NCBI GenBank Nucleotide #	NM_017584.5
UniProt Accession #	Q9UGB7 ; Q05DJ6 ; Q5S8C9 ; Q9BZZ1 ; Q9UHB8
Molecular Weight	33010
NCBI Official Full Name	inositol oxygenase
NCBI Official Synonym Full Names	myo-inositol oxygenase
NCBI Official Symbol	MIOX
NCBI Official Synonym Symbols	ALDRL6
NCBI Protein Information	inositol oxygenase
UniProt Protein Name	Inositol oxygenase
UniProt Gene Name	MIOX
UniProt Synonym Gene Names	ALDRL6; KSP32; RSOR; MI oxygenase
UniProt Entry Name	MIOX_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://stage.aaabiotech.com/polyclonal/miox-antibody-immunohistochemistry-western-blot-elisa/289074>