

**MIOX Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13229A****Specification**

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**MIOX Antibody (N-term) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | IHC-P, WB,E                 |
| Primary Accession | <a href="#">O9UGB7</a>      |
| Other Accession   | <a href="#">NP_060054.4</a> |
| Reactivity        | Human                       |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Calculated MW     | 33010                       |
| Antigen Region    | 1-30                        |

**MIOX Antibody (N-term) - Additional Information****Gene ID** 55586**Other Names**

Inositol oxygenase, Aldehyde reductase-like 6, Kidney-specific protein 32, Myo-inositol oxygenase, MI oxygenase, Renal-specific oxidoreductase, MIOX, ALDRL6, KSP32, RSOR

**Target/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.

**Dilution**

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

**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.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MIOX Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MIOX Antibody (N-term) - Protein Information****Name** MIOX

**Synonyms** ALDRL6, KSP32, RSOR

**Cellular Location**

Cytoplasm.

**Tissue Location**

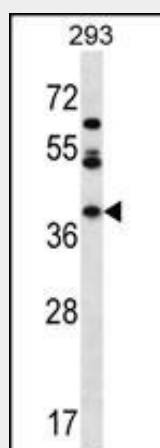
Kidney specific.

**MIOX Antibody (N-term) - Protocols**

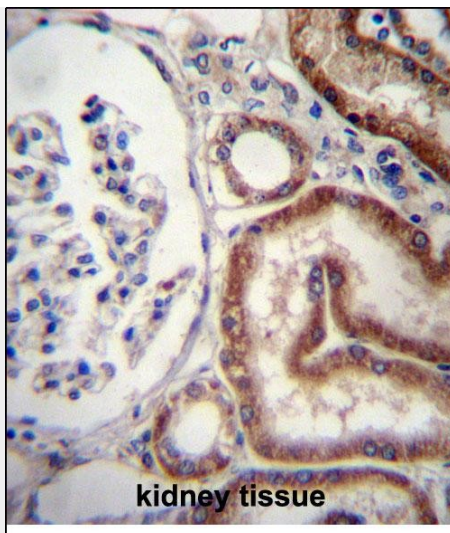
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MIOX Antibody (N-term) - Images**



MIOX Antibody (N-term) (Cat. #AP13229a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the MIOX antibody detected the MIOX protein (arrow).



MIOX Antibody (N-term) (Cat. #AP13229a) 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.

#### **MIOX Antibody (N-term) - Background**

The specific function of this protein remains unknown.

#### **MIOX Antibody (N-term) - 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) :