

OAT Antibody (clone AT23A2)
Mouse Monoclonal Antibody
Catalog # ALS13227**Specification**

OAT Antibody (clone AT23A2) - Product Information

Application	IHC
Primary Accession	P04181
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	49kDa KDa

OAT Antibody (clone AT23A2) - Additional Information**Gene ID** 4942**Other Names**

Ornithine aminotransferase, mitochondrial, 2.6.1.13, Ornithine delta-aminotransferase, Ornithine--oxo-acid aminotransferase, Ornithine aminotransferase, hepatic form, Ornithine aminotransferase, renal form, OAT

Target/Specificity

Human OAT

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

OAT Antibody (clone AT23A2) is for research use only and not for use in diagnostic or therapeutic procedures.

OAT Antibody (clone AT23A2) - Protein Information**Name** OAT**Function**

Catalyzes the reversible interconversion of L-ornithine and 2-oxoglutarate to L-glutamate semialdehyde and L-glutamate.

Cellular Location

Mitochondrion matrix

Volume

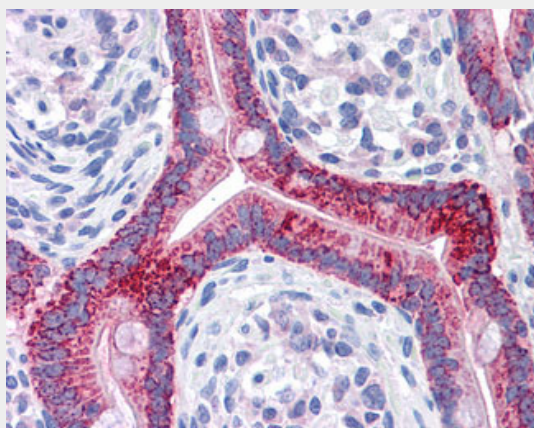
50 µl

OAT Antibody (clone AT23A2) - Protocols

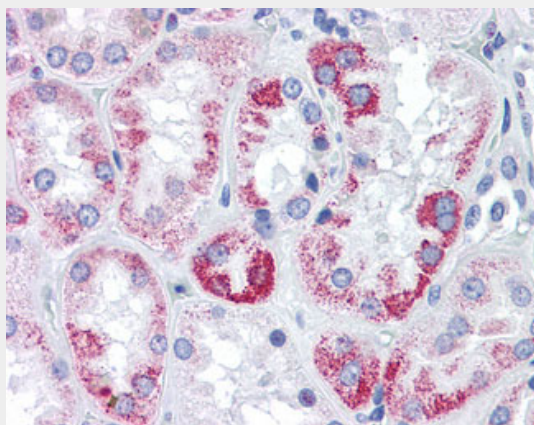
Provided below are standard protocols that you may find useful for product applications.

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

OAT Antibody (clone AT23A2) - Images



Anti-OAT antibody IHC of human small intestine.



Anti-OAT antibody IHC of human kidney.

OAT Antibody (clone AT23A2) - References

- Inana G., et al. Proc. Natl. Acad. Sci. U.S.A. 83:1203-1207(1986).
Ramesh V., et al. DNA 5:493-501(1986).
Kobayashi T., et al. FEBS Lett. 255:300-304(1989).
Mitchell G.A., et al. J. Biol. Chem. 263:14288-14295(1988).
Zintz C.B., et al. Exp. Eye Res. 50:759-770(1990).