

MAT2A Antibody (aa1-395, clone AT3A2)
Mouse Monoclonal Antibody
Catalog # ALS12639**Specification**

MAT2A Antibody (aa1-395, clone AT3A2) - Product Information

Application	IHC
Primary Accession	P31153
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	44kDa KDa

MAT2A Antibody (aa1-395, clone AT3A2) - Additional Information**Gene ID** 4144**Other Names**

S-adenosylmethionine synthase isoform type-2, AdoMet synthase 2, 2.5.1.6, Methionine adenosyltransferase 2, MAT 2, Methionine adenosyltransferase II, MAT-II, MAT2A, AMS2, MATA2

Reconstitution & Storage

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

Precautions

MAT2A Antibody (aa1-395, clone AT3A2) is for research use only and not for use in diagnostic or therapeutic procedures.

MAT2A Antibody (aa1-395, clone AT3A2) - Protein Information**Name** MAT2A**Synonyms** AMS2, MATA2**Function**

Catalyzes the formation of S-adenosylmethionine from methionine and ATP. The reaction comprises two steps that are both catalyzed by the same enzyme: formation of S-adenosylmethionine (AdoMet) and triphosphate, and subsequent hydrolysis of the triphosphate.

Tissue Location

Detected in kidney..

Volume

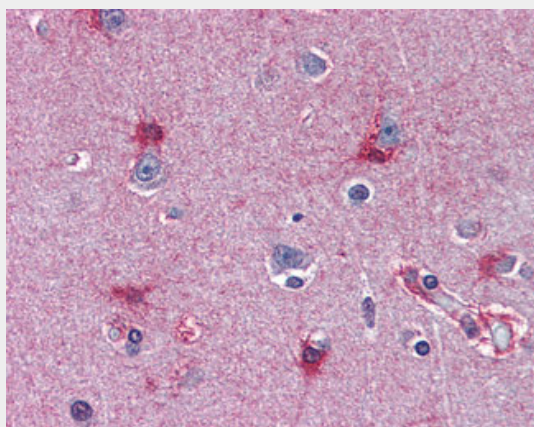
50 µl

MAT2A Antibody (aa1-395, clone AT3A2) - Protocols

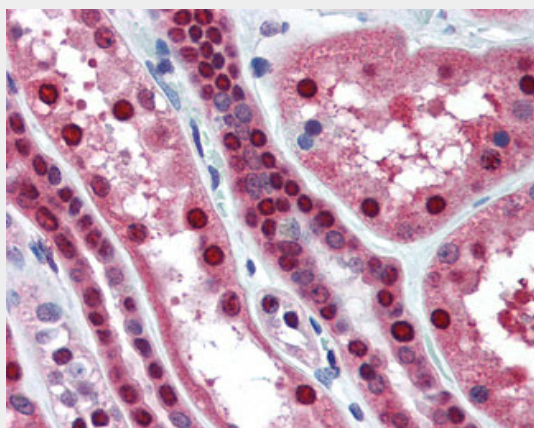
Provided below are standard protocols that you may find useful for product applications.

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

MAT2A Antibody (aa1-395, clone AT3A2) - Images



Anti-MAT2A antibody IHC of human brain, cortex.



Anti-MAT2A antibody IHC of human kidney.

MAT2A Antibody (aa1-395, clone AT3A2) - Background

Catalyzes the formation of S-adenosylmethionine from methionine and ATP.

MAT2A Antibody (aa1-395, clone AT3A2) - References

Horikawa S.,et al.FEBS Lett. 312:37-41(1992).
Panayiotidis M.I.,et al.Free Radic. Biol. Med. 40:348-358(2006).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.