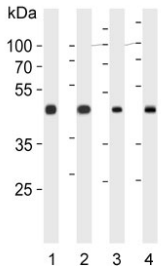
OAT Antibody / Ornithine Aminotransferase (F54467)

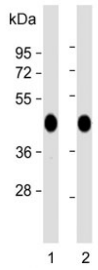
Catalog No.	Formulation	Size
F54467-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54467-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

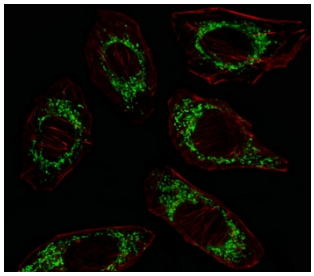
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P04181
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:2000 Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
Limitations	This OAT antibody is available for research use only.



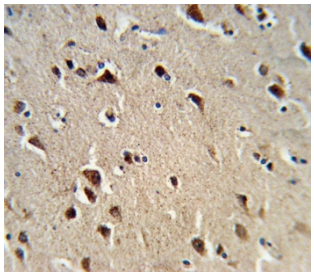
Western blot testing of 1) human HEK293, 2) human HEK293T, 3) mouse liver and 4) rat liver lysate with OAT antibody. Predicted molecular weight ~49 kDa.



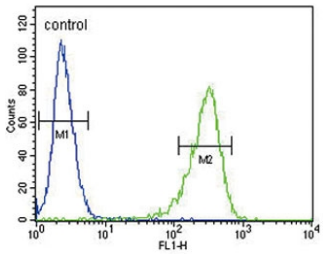
Western blot testing of human 1) HEK293 and 2) liver lysate with OAT antibody. Predicted molecular weight ~49 kDa.



Immunofluorescent staining of fixed and permeabilized human A549 cells with OAT antibody (green) and anti-Actin (red).



IHC testing of FFPE human brain tissue with OAT antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HEK293 cells with OAT antibody; Blue=isotype control, Green= OAT antibody.

Description

OAT is the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA.

Application Notes

The stated application concentrations are suggested starting points. Titration of the OAT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 27-55 from the human protein was used as the immunogen for the OAT antibody.

Storage

Aliquot the OAT antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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