OAT Rabbit Polyclonal Antibody



CAB6235

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

47kDa

Calculated MW:

32kDa/48kDa

Applications:

WB IHC IP

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes 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. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy. Alternatively spliced transcript variants encoding different isoforms have been described. Related pseudogenes have been defined on the X chromosome.

Immunogen information

Gene ID:

4942

Uniprot P04181

Synonyms:

OAT; GACR; HOGA; OATASE; OKT

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:50 - 1:100

Source:

Rabbit

5(0)

Isotype:

lgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 160-439 of human OAT (NP_000265.1).

Storage:

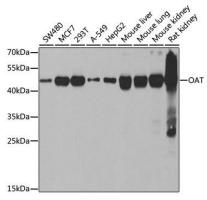
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

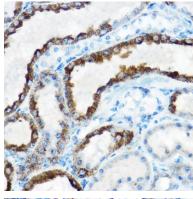
Purification:

Affinity purification

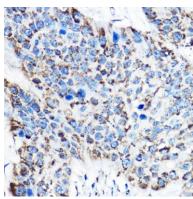
Product Images



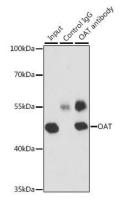
Western blot analysis of extracts of various cell lines, using OAT antibody (CAB6235) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat kidney using OAT Rabbit pAb (CAB6235) at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded human esophageal cancer using OAT Rabbit pAb (CAB6235) at dilution of 1:150 (40x lens).



Immunoprecipitation analysis of 200ug extracts of MCF-7 cells, using 3 ug OAT antibody (CAB6235). Western blot was performed from the immunoprecipitate using OAT antibody (CAB6235) at a dilition of 1:1000.