



OAT Polyclonal Antibody

Cat No: HR1AP7549

For research use only

Overview

Product Name	OAT Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	48kDa
GenID?Human?	OAT
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	OAT; Ornithine aminotransferase; mitochondrial; Ornithine delta-aminotransferase; Ornithine--oxo-acid aminotransferase
Background	ornithine aminotransferase(OAT) <i>Homo sapiens</i> 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. [provided by RefSeq, Jan 2010].