DNAxPAb | Hard-to-Find Antibody

OAT DNAxPab

Catalog # H00004942-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OAT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MFSKLAHLQRFAVLSRGVHSSVASATSVATKKTVQGPPTSDDIFEREYKYGAHNYHPLPVALERG KGIYLWDVEGRKYFDFLSSYSAVNQGHCHPKIVNALKSQVDKLTLTSRAFYNNVLGEYEEYITKLFN YHKVLPMNTGVEAGETACKLARKWGYTVKGIQKYKAKIVFAAGNFWGRTLSAISSSTDPTSYDGF GPFMPGFDIIPYNDLPALERALQDPNVAAFMVEPIQGEAGVVVPDPGYLMGVRELCTRHQVLFIA DEIQTGLARTGRWLAVDYENVRPDIVLLGKALSGGLYPVSAVLCDDDIMLTIKPGEHGSTYGGNPL GCRVAIAALEVLEEENLAENADKLGIILRNELMKLPSDVVTAVRGKGLLNAIVIKETKDWDAWKVC LRLRDNGLLAKPTHGDIIRFAPPLVIKEDELRESIEIINKTILSF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — OAT

Entrez GeneID	4942
GeneBank Accession#	NM_000274.1
Protein Accession#	NP_000265.1
Gene Name	OAT
Gene Alias	DKFZp781A11155, HOGA
Gene Description	ornithine aminotransferase (gyrate atrophy)
Omim ID	258870
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme i s the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotran smitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autos omal recessive eye disease Gyrate Atrophy. [provided by RefSeq
Other Designations	OTTHUMP00000020690|ornithine aminotransferase

Pathway

- Arginine and proline metabolism
- Metabolic pathways

Disease

- Hypercholesterolemia