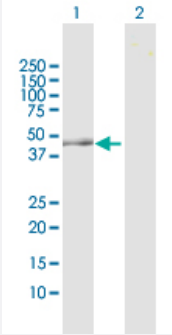
MaxPab®

OAT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004942-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OAT expression in transfected 293T cell line (H00004942-T02) by OAT MaxPab polyclonal antibody.

Lane 1: OAT transfected lysate(48.50 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OAT protein.
Immunogen	OAT (NP_000265.1, 1 a.a. ~ 439 a.a) full-length human protein.
Sequence	MFSKLAHFQRFAVLSRGVHSSVASATSVATKKTVQGPPTSDDIFEREYKYGAHNYHPLPVALERG KGIYLWDVEGRKYFDFLSSYSAVNQGHCHPKIVNALKSQVDKLTLTSRAFYNNVLGEYEEYITKLFN YHKVLPMNTGVEAGETACKLARKWGYTVKGIQKYKAKIVFAAGNFWGRTLSAISSSTDPTSYDGF GPFMPGFDIIPYNDLPALERALQDPNVAAFMVEPIQGEAGVVVPDPGYLMGVRELCTRHQVLFIA DEIQTGLARTGRWLAVDYENVRPDIVLLGKALSGGLYPVSAVLCDDDIMLTIKPGEHGSTYGGNPL GCRVAIAALEVLEEENLAENADKLGIILRNELMKLPSDVVTAVRGKGLLNAIVIKETKDWDAWKVC LRLRDNGLLAKPTHGDIIRFAPPLVIKEDELRESIEIINKTILSF
Host	Rabbit
Reactivity	Human
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.

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  Protocol Download

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