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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

OAT purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00004942-D01P

規格 : [100 ug]

[List All](#)
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:
 MFSKLAHFQRFAVLSRGVHSSVASATSVATKKTVQGPPTSDDIFEREYK
 YGAHNYHPLPVALERGGKIYLDVVEGRKYDFLSSYSAVNQGHCCHKIV
 NALKSQVDKLTLTSRAFYNVNLGEYEEYITKLFNYHKVLPMTGVEAGET
 ACKLARKWGYTVKGIQKYKAKIVFAAGNFWGRTLSAISSSTDPTSYDGF
 GPFMPGFDIIPYNDLPALERALQDPNVAAFMVEPIQGEAGVWVDPGGLM
 GVRELCTRHQVLFIADEIQTGLARTGRWLAVDYENVRPDIVLLGKALSGG
 LYPVSAVLCDDDIMLTIKPGEHGSTYGGNPLGCRVAIAALEVLEENLAEN
 ADKLGILRNELMKLPSDVVTAVRGKGLLNAMIKETKDWDWKVCLRLRD
 NGLLAKPTHGDIIRFAPPLVIKEDELRESIEIINKTILSF

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

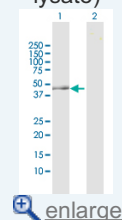
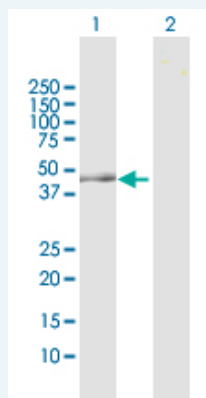
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

Western Blot (Transfected lysate)


 [enlarge](#)
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.

Gene Information

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 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. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000020690,ornithine aminotransferase

Gene Pathway

[Arginine and proline metabolism](#) [Metabolic pathways](#)

Related Disease

[Hypercholesterolemia](#)