



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# FMO4 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00002329-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human FMO4 protein.

**Immunogen:** FMO4 (AAH02780, 1 a.a. ~ 558 a.a) full-length human protein.

**Sequence:**  
 MAKKVAVIGAGVSGLSSIKCCVDEDLEPTCFERSDDIGGLWKFTSSKD  
 GMTRVYKSLVTNVCKEMSCYSDFPFHEDYPNFMNHEKFWDYLQEF AEH  
 FDLLKYIQFKTTVCSITKRPDFSETGQWDVVTETEGKQNRVFDVAVMVC  
 TGHFLNPHLPLEAFPGIHKFKGQILHSQEYKIPEGFQGKRVLVIGLGNTGG  
 DIAVELSRATAQVLLSTRGTWVWVLRSSDWGYPYNNMMVTRRCCSFAQ  
 VLPSRFLNWIQERKLNKRFNHEDYGLSITKGKKAKFMNDELPCILCGAIT  
 MKTSVIEFTETSAVFEDGTVEENIDVIFTTGYTFSFPFFEEPLKSLCTKKI  
 FLYKQVFPLNLERATLAIIGLIGLKGSILSGTELQARWVTRVFKGLCKIPPS  
 QKLMMEATEKEQLIKRGVFKDTSKDKFDYIAYMDDIACIGTKPSIPLLFLK  
 DPRLAWVEVFFGPCTPYQYRLMGPWKWDGARNAILTQWDRTLKPLKTRI  
 VPDSSKPASMSHYLKAWGAPVLLASLLICKSSLFLKLVRDKLQDRMSPY  
 LVSLWRG

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

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

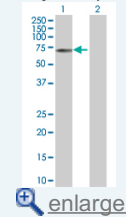
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

## Application Image

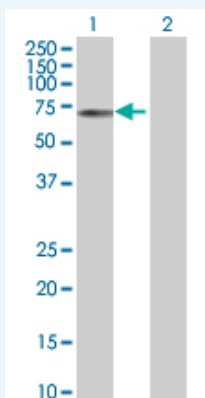
Western Blot (Transfected lysate)



[enlarge](#)

## Applications


### Western Blot (Transfected lysate)



Western Blot analysis of FMO4 expression in transfected 293T cell line (H00002329-T01) by FMO4 MaxPab polyclonal antibody.

Lane 1: FMO4 transfected lysate(61.38 KDa).

Lane 2: Non-transfected lysate.

 Protocol Download

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## Gene Information

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**Entrez GeneID:** [2329](#)

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**GeneBank  
Accession#:** [BC002780](#)

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**Protein  
Accession#:** [AAH02780](#)

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**Gene Name:** FMO4

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**Gene Alias:** FMO2

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**Gene  
Description:** flavin containing monooxygenase 4

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**Omim ID:** [136131](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** Metabolic N-oxidation of the diet-derived amino-trimethylamine (TMA) is mediated by flavin-containing monooxygenase and is subject to an inherited FMO3 polymorphism in man resulting in a small subpopulation with reduced TMA N-oxidation capacity resulting in fish odor syndrome Trimethylaminuria. Three forms of the enzyme, FMO1 found in fetal liver, FMO2 found in adult liver, and FMO3 are encoded by genes clustered in the 1q23-q25 region. Flavin-containing monooxygenases are NADPH-dependent flavoenzymes that catalyzes the oxidation of soft nucleophilic heteroatom centers in drugs, pesticides, and xenobiotics. [provided by RefSeq]

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**Other  
Designations:** OTTHUMP00000033541,OTTHUMP00000060454

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## Gene Pathway

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[Drug metabolism - cytochrome P450](#)

## Related Disease

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[Hearing Loss](#)