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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FMO4 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00002329-B01P

規格 : [50 ug]

[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
 GMTRVYKSLVTNVCKEMSCYSDFPFHEDYPNFMNHEKFDYLQEF AEH
 FDLLKIYQFKTTVCSITKRPDFSETGQWDVVTETEGKQNRVFDVAVMVC
 TGHFLNPHLPLEAFPGIHKFKGQILHSQEYKIPEGFQGKRVLVIGLGNTGG
 DIAVELSRATAQVLLSTRGTWVWVLRSSDWGYPYNNMMVTRRCCSFAQ
 VLPFRFLNWIQERKLNKRFNHEDYGLSITKGKKAKFMNDELPCILCGAIT
 MKTSVIEFTETSAVFEDGTVEENIDVIFTTGYTFSFPFFEEPLKSLCTKKI
 FLYKQVFPLNLERATLAIIGLIGLKGSILSGTELQARWVTRVFKGLCKIPPS
 QKLMMEATEKEQLIKRGVFKDTSKDKFDYIAYMDDIAACIGTKPSIPLFLK
 DPRLAWVEVFFGPCTPYQYRLMGPWKWDGARNAILTQWDRTLKPLKTRI
 VPDSSKPASMSHYLKAWGAPVLLASLLICKSSLFLKLVDRDKLQDRMSPY
 LVSLWRG

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

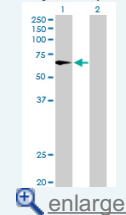
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

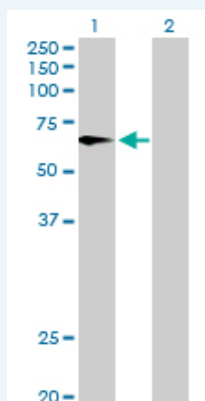
Application Image

Western Blot (Transfected lysate)



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](#)

Gene Information

Entrez GeneID: [2329](#)

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

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

Gene Name: FMO4

Gene Alias: FMO2

**Gene
Description:** flavin containing monooxygenase 4

Omim ID: [136131](#)

Gene Ontology: [Hyperlink](#)

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]

**Other
Designations:** OTTHUMP00000033541,OTTHUMP00000060454

Gene Pathway

[Drug metabolism - cytochrome P450](#)

Related Disease

[Hearing Loss](#)

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