

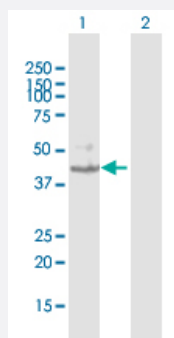
MaxPab®

KMO purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008564-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KMO expression in transfected 293T cell line ([H00008564-T01](#)) by KMO MaxPab polyclonal antibody.

Lane 1: KMO transfected lysate(44.77 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KMO protein.

Immunogen

KMO (AAH05297.1, 1 a.a. ~ 407 a.a) full-length human protein.

Sequence

MDSSVIQRKKVAVIGGGLVGSLLQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLALSHRGRQAL
KAVGLEDDQVSQGIPMRARMIHSLSGKKSAPYGTGSQYILSVSRENLNKDLLTAAEKYPNVKMHFN
HRLKCNPEEGMITVLGSDKVPKDVTCDLVGC DGAYSTVRSHLMKKPRFDYSQQYIPHYGMELTI
PPKNGDYAMEPNYLHIWPRNTFMMIALPNMNKSFTCTLFMPFEEFEKLLTSNDVVDFFQKYFPDAI
PLIGEKLIVQDFLLPAQPMISVKCSSFHFKSHCVLLGDAAHAVPFFGQGMNAGFEDCLVFDEL
MDKFSNDLSLCLPVFSRLRIPDDHAISDLSMYNYEKNMERFLHAMPSTFIPLYTMVTFSRIRYHEA
VQRWHWQKR

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (81); Rat (80)

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 — KMO

Entrez GeneID [8564](#)

GeneBank Accession# [BC005297.1](#)

Protein Accession# [AAH05297.1](#)

Gene Name KMO

Gene Alias dJ317G22.1

Gene Description kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)

Omim ID [603538](#)

Gene Ontology [Hyperlink](#)

Gene Summary Kynurenine 3-monooxygenase (KMO; EC 1.14.13.9) is an NADPH-dependent flavin monooxygenase that catalyzes the hydroxylation of the L-tryptophan metabolite L-kynurenine to form L-3-hydroxykynurenine.[supplied by OMIM]

Other Designations OTTHUMP00000037618|OTTHUMP00000044540|kynurenine 3-hydroxylase|kynurenine 3-monooxygenase

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)