

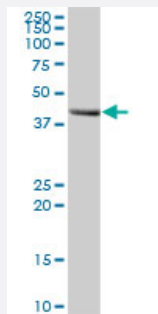
MaxPab®

MOCS3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00027304-B01P

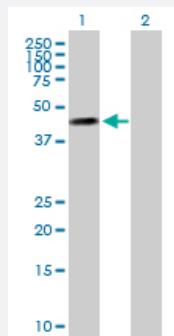
Size 50 ug

Applications



Western Blot (Tissue lysate)

MOCS3 MaxPab polyclonal antibody. Western Blot analysis of MOCS3 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of MOCS3 expression in transfected 293T cell line ([H00027304-T02](#)) by MOCS3 MaxPab polyclonal antibody.

Lane 1: MOCS3 transfected lysate(50.6 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MOCS3 protein.

Immunogen

MOCS3 (NP_055299.1, 1 a.a. ~ 460 a.a) full-length human protein.

Sequence

MASREEVLALQAEVAQREEELNSLKQKLASALLAEQEPQPERLVPVSPLPPKAALSRDEILRYSR
QLVLPGLGVHGLRLGTACVLIVGCGGLGCPLAQYLAAAGVGRLGLVDYDVVEMSNLARQVLHG
EALAGQAKAFSAAASLRRNLNSAVECVPTQALTPATALDLVRRYDVVADCSDNVPTRYLVNDAC
VLAGRPLVSASALRFEGQITVYHYDGGPCYRCIFPQPPAETVTNCADGGVLGVVTGVLGCLQAL
EVLKIAAGLGPSYSGSLLLFDALRGHFRSIRLSRRLDCAACGERPTVTDLLDYEAFCGSSATDKC
RSLQLLSPEERSVTDYKRLLDSGAFHLLLDVRPQVEVDICRLPHALHIPLKHLERRDAESLKKLK
EAWEEKQGTQEGAAVPIYICKLGND SQKAVKILQSLSAAQELDPLTVRDVVGGGLMAWAAKIDGT
FPQY

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); 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](#)

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Gene Info — MOCS3

Entrez GeneID	27304
GeneBank Accession#	NM_014484
Protein Accession#	NP_055299.1
Gene Name	MOCS3
Gene Alias	MGC9252, UBA4, dJ914P20.3
Gene Description	molybdenum cofactor synthesis 3
Omim ID	609277
Gene Ontology	Hyperlink

Gene Summary

Molybdenum cofactor (MoCo) is necessary for the function of all molybdoenzymes. One of the enzymes required for the biosynthesis of MoCo is molybdopterin synthase (MPT synthase). The protein encoded by this gene adenylates and activates MPT synthase. This gene contains no introns. A pseudogene of this gene is present on chromosome 14. [provided by RefSeq]

Other Designations

MPT synthase sulfurylase|UBA4, ubiquitin-activating enzyme E1 homolog|molybdopterin synthase sulfurylase|ubiquitin-like modifier activating enzyme 4