

MaxPab®

XDH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007498-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human XDH protein.
Immunogen	XDH (AAI66696.1, 1 a.a. ~ 1333 a.a) full-length human protein.
Sequence	MTADKLVFFVNGRKVVEKNADPETTLAYLRRKLGLSGTKLGCGECCGACTVMLS KYDRLQNKI VHFSANACLAPICSLHHVAVTVEGIGSTKTRLHPVQERIAKSHGSQC GFCTPGVMMSMYTL LRNQ PEPTMEEIENAFQGNLCRCTGYRPILQGFRTFARDGGCCGGDGNPNCCMNQKKDHSVSLSPS LFKPEEFTPLDPTQEPIFPPELLRLKDTPRKQLRFEGERV TWIQASTLKELDLKAQHPDAKL VVG NTEIGIEMKFKNMLFPMVCPAWIPELNSVEHGPDGISFGAACPLSVEKTLVDAVAKLPAQKTEVF RGVLEQLRWFAGKQVKSVASVGGNIITASPISDLNPVFMASGAKLTLVSRGTRRTVQMDHTFFPG YRKTLLSPEEILLSIEIPYSREGEYFSAFKQASRREDDIAKVTS GMRVLFKPGTTEVQELALCYGGM ANRTISALKTTQRQLSKLWKEELLQDVCAGLAEELHLPDAPGGMVDFRCTLTSFFFKFYLTVL QKLQGENLEDKCGKLDPTFASATLLFQKDPADVQLFQEV PKGQSEEDMVGRPLPHLAADMQA SGEAVYCDDIPRYENELSLRLVTSTRAHAKIKSIDTSEAKKVP GFVCFISADDVPGSNITGICNDET FAKDQVTCVGHII GAVVADTPEHTQRAAQGVKITYEELPAITIEDAIKNSFYGP ELKIEKGLKKG SEADNVVSGEIMGGQEHFYLETHCTIAVPKGEAGEMELFVSTQNTMKTQSFVAKMLGVPANRNV RVKRMGGGFGGKETRSTVVSTAVALAAYKTGRPVRCMLDRDE DMLITGGRHPFLARYKVGFMKT GTVVALEVDHFSNVGNTQDLSQSIMERALFMDNCYKIPNIRGT GRLCKTNLPSNTAFRGFGGPQ GMLIAECWMSEVAVTCGMPAEVRRKNLYKEGDLTHFNQKLE GFTLPRCWEECLASSQYHARK SEVDKFNKENCWKKRGLCIPTKFGISFTVPFLNQAGALLHVY TDGSVLLTHGGTEMGQGLHTKMV QVASRALKIPTSKIMSETSTNTVPNTSPTAASVSADLNGQAVY AACQTILKRLEPYKKKNPSGSWE DWVTAAYMDTVSLSATGFYRTPNLGYSFETNSGNPFHYFSYGV ACSEVEIDCLTGDHKNLRTDI MDVGSSLNPAIDIGQVEGAFVQGLGLFTLEELHYSPEGSLHTR GPSTYKIPAFGSIPIEFRVSLLRD CPNKKAIYASKAVGEPPLFLAASIFFAIDAIRAARAQHTGNNV KELFRLDSPATPEKIRNACVDKF TTLCVTGVPENCKPWSVRV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89)
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — XDH

Entrez GeneID	7498
GeneBank Accession#	BC166696.1
Protein Accession#	AA166696.1
Gene Name	XDH
Gene Alias	XO, XOR
Gene Description	xanthine dehydrogenase
Omim ID	278300 607633
Gene Ontology	Hyperlink
Gene Summary	Xanthine dehydrogenase belongs to the group of molybdenum-containing hydroxylases involved in the oxidative metabolism of purines. The enzyme is a homodimer. Xanthine dehydrogenase can be converted to xanthine oxidase by reversible sulfhydryl oxidation or by irreversible proteolytic modification. Defects in xanthine dehydrogenase cause xanthinuria, may contribute to adult respiratory stress syndrome, and may potentiate influenza infection through an oxygen metabolite-dependent mechanism. [provided by RefSeq]
Other Designations	OTTHUMP00000125231 xanthene dehydrogenase xanthine oxidase xanthine oxidoreductase

Pathway

- [Caffeine metabolism](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Neoplasms](#)
- [Carcinoma](#)
- [Carotid Artery Diseases](#)
- [Chronic Disease](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
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- [Hearing Loss](#)
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- [Inflammatory Bowel Diseases](#)
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