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Datasheet

AGL purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00000178-B01P

Regulation Status: For research use only (RUO)

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

Immunogen: AGL (NP_000019.2, 1 a.a. ~ 1532 a.a) full-length human protein.

Sequence:
MGHSKQIRILLLNEMEKLEKTLFRLEQGYELQFRLGPT
LQGKAVTVYTNYPFPGETFNREKFRSLDWENPTERED
DSDKYCKLNLQQSGSFQYYFLQGNEKSGGGYIVVDPI
LRVGADNHVLPLDCVTLQTFLAKCLGPFDEWESRLRV
AKESGYNMIHFTPLQTLGLSRSCYSLANQLELNPDFSR
PNRKYTWNDVGQLVEKLKKEWNVICITDVVYNHTAAN
SKWIQEHPECAYNLVNSPHLKPAWVLDRALWRFSCD
VAEGKYKEKGIPALIENDHHMNSIRKIIWEDIFPKLKLW
EFFQVDVNKAVEQFRRLLTQENRRVTKSDPNQHLTIIQ
DPEYRRFGCTVDMNIALTTFIPHDKGPAAIEECCNWFH
KRMEELNSEKHRLINYHQEQAVNCLLGNVFYERLAGH
GPKLGPVTRKHPLVTRYFTFPFEEIDFSMEESMIHLPN
KACFLMAHNGWVMGDDPLRNFAEPGSEVYLRRELIC
WGDSVKLRYGNKPEDCPYLWAHMKKYTEITATYFQG
VRLDNCHSTPLHVAEYMLDAARNLQPNLYVVAELFTG
SEDLDNVFVTRLGISSLIREAMSAYNSHEEGRLVYRYG
GEPVGSFVQPCLRPLMPAIAHALFMDITHDNECPIVHR
SAYDALPSTTIVSMACCASGSTRGYDELVPHQISVVSE
ERFYTKWNPEALPSNTGEVNFQSGIIAARCAISKLHQE
LGAKGFIQVYVDQVDEDIVAVTRHSPSIHQSVVAVSRT
AFRNPKTSFYSKEVPQMCIPGKIEEVVLEARTIERNTKP
YRKDENSINGTPDITVEIREHIQLNESKIVKQAGVATKG
PNEYIQEIEFENLSPGSVIIFRVSLDPHAQVAVGILRNHL
TQFSPHFKSGSLAVDNADPILKIPFASLASRLTLAELNQ
ILYRCESEEKEDGGGCYDIPNWSALKYAGLQGLMSVL
AEIRPKNDLGHPFCNNLRSGDWMIDYVSNRLISRSGTI
AEVGKWLQAMFFYLKQIPRYLIPCYFDAILIGAYTTLLD
TAWKQMSSFVQNGSTFVKHLSLGSVQLCGVGKFPSL
PILSPALMDVPYRLNEITKEKEQCCVSLAAGLPHFSSGI
FRCWGRDTFIALRGILLITGRYVEARNIILAFAGTLRHGL
IPNLLGEGIYARYNCRDAVWWWLQCIQDYCKMVPNGL
DILKCPVSRMYPTDDSAPLPAGTLDQPLFEVIQEAMQK
HMQGIQFRERNAGPQIDRNMKDEGFNITAGVDEETGF
VYGGNRFNCGTWMDKMGESDRARNRGIPATPRDGS
AVEIVGLSKSAVRWLLELSKKNIFPYHEVTVKRHGKAIK
VSYDEWNRKIQDNFEKLFHVSEDPSDLNEKHPNLVHK
RGIYKDSYGASSPWCDYQLRPNFTIAMVVAPELFTTEK
AWKALEIAEKKLLGPLGMKTLDPDDMVYCGIYDNALD
NDNYNLAKGFNYHQGPEWLWPIGYFLRAKLYFSRLM
GPETTAKTIVLVKNVLSRHYVHLERSPWKGLPELTNEN
AQYCPFSCETQAWSIATILETLYDL

Host: Mouse

Reactivity: Human

Applications: WB-Ti, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 178

Gene Symbol: AGL

Gene Alias: GDE

Gene Summary: This gene encodes the glycogen debrancher enzyme which is involved in glycogen degradation. This enzyme has two independent catalytic activities which occur at different sites on the protein: a 4-alpha-glucotransferase activity and a amylo-1,6-glucosidase activity. Mutations in this gene are associated with glycogen storage disease although a wide range of enzymatic and clinical variability occurs which may be due to tissue-specific alternative splicing. Alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq]