

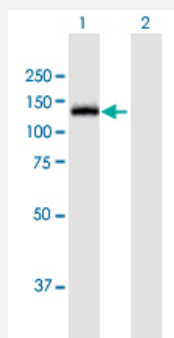
MaxPab®

MGEA5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010724-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MGEA5 expression in transfected 293T cell line ([H00010724-T01](#)) by MGEA5 MaxPab polyclonal antibody.

Lane1:MGEA5 transfected lysate(100.76 kDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MGEA5 protein.

Immunogen

MGEA5 (NP_036347.1, 1 a.a. ~ 916 a.a) full-length human protein.

Sequence

MVQKESQATLEERESELSSNPAASAGASLEPPAAPAPGEDNPAGAGGA AVAGAAGGARRFLC
GVVEGFYGRPWWMEQRKELFRRLQKWELNTYLAPKDDYKHRMFWREMYSVEEAEQLMTLISA
AREYEIEFYAISPLDITFSNPKEVSTLKRKLDQVSQFGCRSFALLFDDIDHNMCAADKEVFSSFA
HAQVSITNEIYQLGEPETFLFCPTTEYCGTFCYPNVSQSPYLRTVGEKLLPGIEVLWTGPKVVSKEI
PVESIEEVSKIIRAPVIMDNIHANDYDQKRLFLGPYKGRSTELIPRLKGVLTNPNCFEFANYVAIHTL
ATWYKSNMNGVRKDVVMTDSEDSTVSIQIKLENEGSDIEDTDVLYSPQMALKLALTEWLQEFV
PHQYSSRQVAHSGAKASVVDGTPLVAAPSLNATTVVTVYQEPIMSQGAALSGEPTTLTKEEEKK
QPDEEPMMDMVVEKQEETDHNNDNQILSEIVEAKMAEELKPMDDTKESIAESKSPMSMQEDCIS
DIAPMQTDEQTNKEQFVPGPNEKPLYTAEPVTLEDLQLLADLFYLPYEHGPKGAQMLREFQWLR
ANSSVSVNCKGKDSEKIEEWSRAAKFEEMCGLVMGMFTRLSNCANRTILYDMYSYVWDIKSIM
SMVKSFVQWLGCRSHSSAQFLIGDQEPWAFRGGLAGEFQRLPIDGANDLFFQPPPLTPTSKVY
TIRPYFPKDEASVYKICREMYDDGVGLPFQSQPDIGDKLVGGLLSLSDYCFVLEDEDGICGYAL
GTVDVTPFIKKCKISWIPFMQEKYTKPNGDKELSEAEKIMLSFHEEQEVLPETFLANFPSLIKMDIH
KKVTDPSVAKSMMACLLSSLKANGSRGAFCEVRPDDKRILEFYSKLGCFEIAKMEGF PKDVVILG
RSL

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — MGEA5

Entrez GeneID	10724
GeneBank Accession#	NM_012215.1
Protein Accession#	NP_036347.1
Gene Name	MGEA5
Gene Alias	FLJ11229, FLJ23355, KIAA0679, MEA5, NCOAT, OGA
Gene Description	meningioma expressed antigen 5 (hyaluronidase)
Omim ID	604039
Gene Ontology	Hyperlink
Gene Summary	The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300 255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]).[supplied by OMIM
Other Designations	O-GlcNAcase OTTHUMP00000020345 hyaluronidase in meningioma nuclear cytoplasmic O-Glc NAcase and acetyltransferase

Disease

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- [Diabetes Mellitus](#)
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