

DNAxPAb

Hard-to-Find
Antibody

MGEA5 DNAxPab

Catalog # H00010724-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MGEA5 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MVQKESQATLEERESELSSNPAASAGASLEPPAAPAGEDNPAGAGGA AVAGAAGGARRFLC
GVVEGFYGRPWWMEQRKELFRRLQKWELNTYL YAPKDDYKHRMFWREMYSVEEAEQLMTLISA
AREYEIEFYAISPGLDITFSNPKEVSTLKRKLDQVSQFGCRSFALLFDDIDHNMCAADKEVFSSFA
HAQVSITNEYQYLGE PETFLFCPT EYCGTFCYPNVSQSPYLRTVGEKLLPGIEVLWTGPKVVSKEI
PVESIEEVSKIIRAPVWDNIHANDYDQKRLFLGPYKGRSTELIPRLKGVLTNPNCEFEANYVAIHTL
ATWYKSNMNGVRKDVVMTDSEDSTVSIQIKLENEGSDEDIETDVL YSPQMALKLALTEWLQEFGV
PHQYSSRQVAHSGAKASVVDGTP LVAAPSLNATTVVTTVYQEPIMSQGAALSGEPTTLTKEEEKK
QPDEEPMDMVVEKQEETHKNDNQILSEVEAKMAEELKPMDDKESIAESKSPMSMQEDCIS
DIAPMQTDEQTNKEQFVPGPNEKPLYTAEPVTLEDLQLLADLFYLPYEHGPKGAQMLREFQWLR
ANSSVSVNCKGKDSEKIEEWRSRRAAKFEEMCGLVMGMFTRLSNCANRTILYDMYSYVWDIKSIM
SMVKS FVQWLGCRSHSSAQFLIGDQEPWAFRGGLAGEFQRLLPIDGANDLFFQPPPLTPTSKVY
TIRPYFPKDEASVYKICREMYDDGVGLPFQSQPD LIGDKLVGGLLSLSDYCFVLEDEDGICGYAL
GTVDVTPFIKKCKISWIPFMQEKYTKPNGDKELSEAEKIMLSFHEEQEVLPETFLANFP SLIKMDIH
KKVTDPSVAKSMMACLLSSLKANGSRGAFCEVRPDDKRILEFYSKLGC FEIAKMEGF PKD VVILG
RSL

Host Rabbit

Reactivity Human

Purification Protein A

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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 300255), 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-GlcNAcase and acetyltransferase

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)