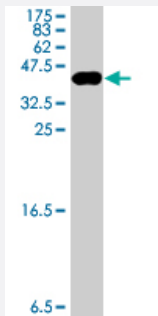


MGEA5 polyclonal antibody (A01)

Catalog # H00010724-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.45 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant MGEA5.
Immunogen	MGEA5 (NP_036347, 823 a.a. ~ 916 a.a) partial recombinant protein with GST tag.
Sequence	SFHEEQEVLPEFLANFSPSLIKMDIHKKVTDPVAKSMMACLLSSLKANGSRGAFCEVRPDDKRI LEFYSLKLGCFEIAKMEGFPKDVVILGRSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.45 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MGEA5

Entrez GeneID [10724](#)

GeneBank Accession# [NM_012215](#)

Protein Accession# [NP_036347](#)

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](#)