

Rabbit anti-Human MGEA5 Polyclonal Antibody | anti-MGEA5 antibody

Rabbit anti-MGEA5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212635	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

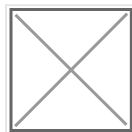
PRODUCT SYNONYMS

MGEA5; Polyclonal Antibody; Rabbit anti-MGEA5 Antibody; Affinity Purified; hyaluronidase in meningioma; OGA; nuclear cytoplasmic O-GlcNAcase and acetyltransferase; NCOAT; N-acetyl-beta-glucosaminidase; N-acetyl-beta-D-glucosaminidase; protein O-GlcNAcase; meningioma-expressed antigen 5; MEA5; bifunctional protein NCOAT; beta-N-acetylhexosaminidase; beta-N-acetylglucosaminidase; beta-hexosaminidase; meningioma expressed antigen 5 (hyaluronidase); Protein O-GlcNAcase; O-GlcNAcase; anti-MGEA5 antibody

PRODUCT SPECIFICATIONS

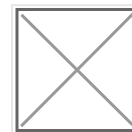
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MGEA5 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 525 and 575
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MGEA5 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MGEA5 antibody AAA212635 (lot AAA212635-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human MGEA5 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MGEA5 antibody AAA212635 (lot AAA212635-2) used for IP at 6 ug per reaction. MGEA5 was also immunoprecipitated by a previous lot of this antibody (lot AAA212635-1) and rabbit anti-MGEA5 antibody BL15722. For blotting immunoprecipitated MGEA5, AAA212635 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human MGEA5 by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-MGEA5 (Cat. No. AAA212635 lot 2) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-MGEA5 antibody	Meningioma-expressed antigen 5 (MGEA5) cleaves GlcNAc but not GalNAc from glycopeptides. MGEA5 can use p-nitrophenyl-beta-GlcNAc as substrate but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc. MGEA5 possesses hyaluronidase activity. Acetylates 'Lys-8' of histone H4 and 'Lys-14' of histone H3 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O60502].
Product Categories/Family for anti-MGEA5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10724
UniProt Accession #	O60502
UniProt Protein Name	Protein O-GlcNAcase
UniProt Gene Name	MGEA5
UniProt Synonym Gene Names	HEXC; KIAA0679; MEA5; NCOAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mgea5-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212635>