Rabbit MGEA5 Polyclonal Antibody | anti-MGEA5 antibody

MGEA5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169093	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

MGEA5; Polyclonal Antibody; MGEA5 Polyclonal Antibody; OGA; MEA5; NCOAT; anti-MGEA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (varies by lot)
Sequence Length	849
Applicable Applications for anti-MGEA5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human MGEA5
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human ovarian cancer using MGEA5 Polyclonal Antibody at dilution of 1:20

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human colon cancer using MGEA5 Polyclonal Antibody at dilution of 1:20

WB (Western Blot)
Western Blot analysis of Human fetal liver tissue using MGEA5 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-MGEA5 antibody	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, which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications. Cleaves GlcNAc but not GalNAc from glycopeptides. Can use p-nitrophenyl-beta-GlcNAc as substrate but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc. Possesses hyaluronidase activity. Acetylates 'Lys-8' of histone H4 and 'Lys-14' of histone H3. Shows highest expression in the brain, placenta and pancreas.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34192983
NCBI GeneID	10724
Molecular Weight	96,932 Da
NCBI Official Full Name	MGEA5 protein
NCBI Official Synonym Full Names	meningioma expressed antigen 5 (hyaluronidase)
NCBI Official Symbol	MGEA5
NCBI Official Synonym Symbols	OGA; MEA5; NCOAT
NCBI Protein Information	protein O-GlcNAcase; N-acetyl-beta-D-glucosaminidase; N-acetyl-beta-glucosaminidase; beta-N-acetylglucosaminidase; beta-N-acetylhexosaminidase; beta-hexosaminidase; bifunctional protein NCOAT; hyaluronidase in meningioma; meningioma-expressed antigen 5; nuclear cytoplasmic O-GlcNAcase and acetyltransferase
UniProt Protein Name	Protein O-GlcNAcase
UniProt Gene Name	**MGEA5**
UniProt Synonym Gene Names	OGA
UniProt Entry Name	OGA_HUMAN

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-western-blot-elisa/169093