

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

OGA antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50465	Rabbit	Human	Western Blot, Immunoprecipitation

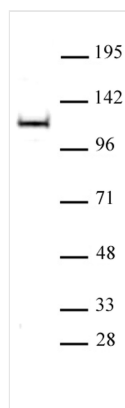
PRODUCT SYNONYMS

OGA; Polyclonal Antibody; OGA antibody; RABBIT ANTI HUMAN OGA; anti-MGEA5 antibody

PRODUCT SPECIFICATIONS

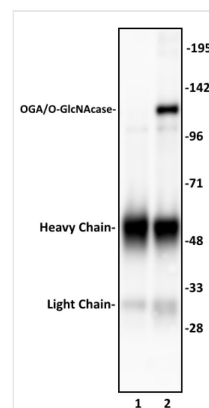
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antiserum to human OGA was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Form/Format	Purified IgG - liquid Phosphate buffered saline 0.035% Sodium Azide (NaN ₃), 30% Glycerol
Applicable Applications for anti-MGEA5 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	A peptide within the N-terminal region of human OGA
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



WB (Western Blot)

Western blot analysis of HeLa whole cell lysate (20 ug) probed with OGA antibody (AAA50465) at a 1/1000 dilution.



IP (Immunoprecipitation)

Immunoprecipitation of OGA from HeLa whole cell extract (lane 2). 10 ul of mouse IgG was used as a negative control (lane 1). Western blot analysis was performed using OGA antibody (AAA50465) at a 1/1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MGEA5 antibody	Rabbit anti Human OGA antibody recognizes OGA (O-GlcNAcase), also known as glycoside hydrolase, BtGH84 or O-GlcNAc hydrolase. OGA catalyses the removal of O-GlcNAc post-translational modifications; a reversible enzymatic post-translational modification characterized by a beta-glycosidic bond between the hydroxyl group of serine or threonine side chains and N-acetylglucosamine (GlcNAc) Removal of O-GlcNAc from proteins like tau and the beta-amyloid protein has been linked neurological disorders
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215490056
NCBI GeneID	10724
NCBI Accession #	NP_001135906.1
NCBI GenBank Nucleotide #	NM_001142434.1
UniProt Accession #	O60502; O75166; Q86WV0; Q8IV98; Q9BVA5; Q9HAR0; B7WPB9; D3DR79; E9PGF9
Molecular Weight	96,932 Da
NCBI Official Full Name	protein O-GlcNAcase isoform b
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
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/oga-antibody-western-blot-immunoprecipitation-elisa/50465>