

Rabbit OGT Polyclonal Antibody | anti-OGT antibody

OGT Polyclonal Antibody

CATALOG # AAA296686	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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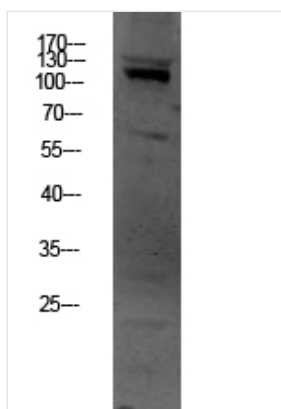
PRODUCT SYNONYMS

OGT; Polyclonal Antibody; OGT Polyclonal Antibody; UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (EC 2.4.1.255)(O-GlcNAc transferase subunit p110)(O-linked N-acetylglucosamine transferase 110 kDa subunit)(OGT); anti-OGT antibody

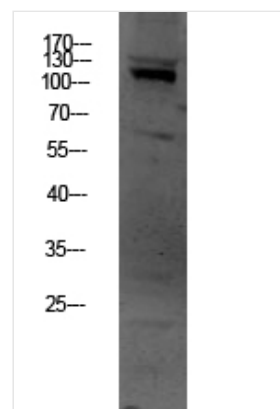
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-OGT antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Dilution: WB 1:500-2000, ELISA 1:10000-20000



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Dilution: WB 1:500-2000, ELISA 1:10000-20000

ADDITIONAL INFORMATION

Related Product Information for anti-OGT antibody

Catalyzes the transfer of a single N-acetylglucosamine from UDP-GlcNAc to a serine or threonine residue in cytoplasmic and nuclear proteins resulting in their modification with a beta- linked N-acetylglucosamine (O-GlcNAc)(PubMed:23103939, PubMed:21240259, PubMed:21285374, PubMed:15361863). Glycosylates a large and diverse number of proteins including histone H2B, AKT1, EZH2, PFKL, KMT2E/MLL5, MAPT/TAU and HCFC1. Can regulate their cellular processes via cross-talk between glycosylation and phosphorylation or by affecting proteolytic processing (PubMed:23353889). As part of the NSL complex indirectly involved in acetylation of nucleosomal histone H4 on several lysine residues (PubMed:19451179, PubMed:20018868, PubMed:20200153, PubMed:21285374, PubMed:15361863). O-glycosylates HCFC1 and regulates its proteolytic processing and transcriptional activity (PubMed:28584052, PubMed:28302723). Regulates mitochondrial motility in neurons by mediating glycosylation of TRAK1 (By similarity). Glycosylates HOXA1 (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	32307148
NCBI GeneID	8473
NCBI Accession #	NP_858058.1
NCBI GenBank Nucleotide #	NM_181672.2
UniProt Accession #	O15294; Q7Z3K0; Q8WWM8; Q96CC1; Q9UG57
Molecular Weight	117kDa
NCBI Official Full Name	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit isoform 1
NCBI Official Synonym Full Names	O-linked N-acetylglucosamine (GlcNAc) transferase
NCBI Official Symbol	OGT
NCBI Official Synonym Symbols	HRNT1; O-GLCNAC
NCBI Protein Information	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit; O-GlcNAc transferase p110 subunit; O-GlcNAc transferase subunit p110; O-linked N-acetylglucosamine transferase 110 kDa subunit; UDP-N-acetylglucosamine:polypeptide-N-acetylgl
UniProt Protein Name	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit
UniProt Gene Name	OGT
UniProt Synonym Gene Names	OGT
UniProt Entry Name	OGT1_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/ogt-antibody-western-blot-elisa/296686>