

KD-Validated Anti-EOGT Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1202

Product Information

Application	WB, FC
Primary Accession	Q5NDL2
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3585
Calculated MW	62011
Gene Name	EOGT
Aliases	EOGT; EGF Domain Specific O-Linked N-Acetylglucosamine Transferase; AER61; EGF Domain-Specific O-Linked N-Acetylglucosamine (GlcNAc) Transferase; EGF Domain-Specific O-Linked N-Acetylglucosamine Transferase; Extracellular O-Linked N-Acetylglucosamine Transferase; AER61 Glycosyltransferase; FLJ33770; C3orf64; EOGT1; Chromosome 3 Open Reading Frame 64; EGF-O-GlcNAc Transferase; EC 2.4.1.255; C3ORF64; AOS4
Immunogen	A synthesized peptide derived from human AER61

Additional Information

Gene ID	285203
Other Names	EGF domain-specific O-linked N-acetylglucosamine transferase, 2.4.1.255, Extracellular O-linked N-acetylglucosamine transferase, EOGT, AER61, C3orf64, EOGT1

Protein Information

Name	EOGT
Synonyms	AER61, C3orf64, EOGT1
Function	Catalyzes the transfer of a single N-acetylglucosamine from UDP-GlcNAc to a serine or threonine residue in extracellular proteins resulting in their modification with a beta-linked N-acetylglucosamine (O-GlcNAc). Specifically glycosylates the Thr residue located between the fifth and sixth conserved cysteines of folded EGF-like domains.
Cellular Location	Endoplasmic reticulum lumen {ECO:0000255 PROSITE- ProRule:PRU10138}

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