10320 Camino Santa Fe, Suite G
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Anti-AER61 Rabbit Monoclonal Antibody
Catalog # ABO16466

Specification

Anti-AER61 Rabbit Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q5NDL2
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-AER61 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-AER61 Rabbit Monoclonal Antibody - 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

Calculated MW
55 kDa KDa

Application Details
WB 1:500-1:2000

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human AER61

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-AER61 Rabbit Monoclonal Antibody - Protein Information

Name EOGT

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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.

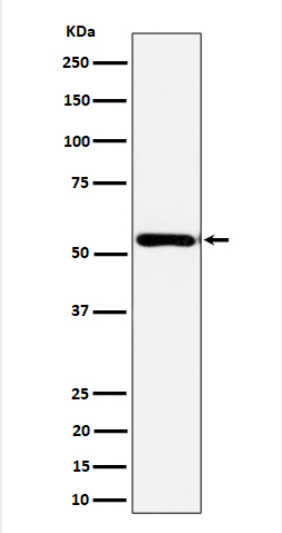
Cellular Location
Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138}

Anti-AER61 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-AER61 Rabbit Monoclonal Antibody - Images



Western blot analysis of AER61 expression in Caco 2 cell lysate.