

Datasheet for ABIN453239
anti-OGT antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	OGT
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OGT antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the C-terminal region of human OGT
Specificity:	This antibody reacts to OGT.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	OGT
Alternative Name:	OGT (OGT Products)
Background:	O-linked N-acetylglucosamine (O-GlcNAc) transferase (OGT) catalyzes the addition of a single N-acetylglucosamine in O-glycosidic linkage to serine or threonine residues. Since both phosphorylation and glycosylation compete for similar serine or threonine residues, the two processes may compete for sites, or they may alter the substrate specificity of nearby sites by

Target Details

steric or electrostatic effects. The protein contains nine tetratricopeptide repeats and a putative bipartite nuclear localization signal. Synonyms: O-GlcNAc transferase subunit p110, O-linked N-acetylglucosamine transferase 110 kDa subunit, UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit

Gene ID: 8473

NCBI Accession: [NP_858058](#)

UniProt: [O15294](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

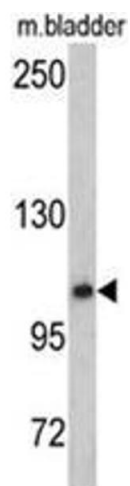
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of OGT antibody (C-term) in mouse bladder tissue lysates (35ug/lane). OGT (arrow) was detected using the purified Pab.