

Datasheet for ABIN721465
anti-MGEA5 antibody (AA 756-850)



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Overview

Quantity:	100 µL
Target:	MGEA5
Binding Specificity:	AA 756-850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGEA5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MGEA5
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MGEA5
Alternative Name:	MGEA5 (MGEA5 Products)

Target Details

Background:	Synonyms: Bunctional protein NCOAT, Glycoside hydrolase O-GlcNAcase, HAT, HEXC, Hexosaminidase C, Histone acetyltransferase, KIAA0679, MEA5, Meningioma expressed antigen 5, Meningioma-expressed antigen 5, MGEA 5, Mgea5, N-acetyl-beta-D-glucosaminidase, N-acetyl-beta-glucosaminidase, NCOAT, NCOAT_HUMAN, Nuclear cytoplasmic O GlcNAcase and acetyltransferase, Nuclear cytoplasmic O-GlcNAcase and acetyltransferase, O-GlcNAcase, OGA, NCOAT_HUMAN. Background: The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]).[supplied by OMIM, Mar 2008].
Gene ID:	10724
Pathways:	Positive Regulation of Peptide Hormone Secretion , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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