

Datasheet for ABIN2804165
anti-MGEA5 antibody (AbBy Fluor® 594)



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Overview

Quantity:	100 µL
Target:	MGEA5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGEA5 antibody is conjugated to AbBy Fluor® 594
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MGEA5
Isotype:	IgG
Purification:	Purified by Protein A.

Target Details

Target:	MGEA5
Alternative Name:	MGEA5 (MGEA5 Products)
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].

Target Details

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.

Gene ID:	10724
Pathways:	Positive Regulation of Peptide Hormone Secretion , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	IF(IHC-P)(1:50-200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % 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.
Storage:	-20 °C
Storage Comment:	Store at 4°C
Expiry Date:	12 months