Immunotag™ Glucosidase II alpha Antibody

Antibody Specification

Catalog No.	ITA2115
Product Description	Immunotag™ Glucosidase II alpha Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Glucosidase II alpha
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Glucosidase II alpha
Specificity	Glucosidase II alpha Antibody detects endogenous levels of total Glucosidase II alpha
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GANAB
Accession No.	Q14697
Alternate Names	Alpha glucosidase II alpha subunit; Alpha-glucosidase 2; G2AN; GANAB; GANAB_HUMAN; Glu II; Glucosidase alpha neutral AB; Glucosidase II alpha; Glucosidase II subunit alpha; GluII; KIAA0088; Neutral alpha glucosidase AB; Neutral alpha glucosidase AB precursor; Neutral alpha-glucosidase AB;

Antibody Specification

Description	Cleaves sequentially the 2 innermost alpha-1,3-linked glucose residues from the Glc2Man9GlcNAc2 oligosaccharide precursor of immature glycoproteins (PubMed:10929008). Required for PKD1/Polycystin-1 and PKD2/Polycystin-2 maturation and localization to the cell surface and cilia (PubMed:27259053).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	107kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.