

GLB1L3 Rabbit pAb

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Catalog # AP58995

Product Information

Application	WB
Primary Accession	Q8NCI6
Reactivity	Mouse
Predicted	Rat, Human, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74823
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GLB1L3
Epitope Specificity	51-150/653
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GLB1L3 is a 653 amino acid protein belonging to the glycosyl hydrolase 35 family. GLB1L3 exists as three alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 11q25. With approximately 135 million base pairs and 1,400 genes, chromosome 11 makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11.

Additional Information

Gene ID	112937
Other Names	Beta-galactosidase-1-like protein 3, GLB1L3 (HGNC:25147)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

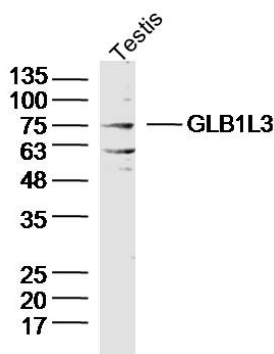
Protein Information

Name	GLB1L3 (HGNC:25147)
Function	Cleaves beta-linked terminal galactosyl residues from gangliosides, glycoproteins, and glycosaminoglycans.

Background

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Images



Sample: Testis (Mouse) Lysate at 40 ug
Primary: Anti-GLB1L3 (AP58995) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 75kD
Observed band size: 75kD

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