

## Anti-GLB1L3 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Horse)
Molecular Weight:	Theoretical: 75 kDa. Actual: 75 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: Testis (Mouse) Lysate at 40 µg Primary: Anti-GLB1L3 (TMAB-06498) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 75 kD Observed band size: 75 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GLB1L3
Antigen Species:	Human
Gene ID:	112937
Uniprot ID:	Q8NCI6

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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