

## Anti-GLTPD2 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 32 kDa. Actual: 36 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	Sample:
	Lane 1: Human HepG2 cell lysates
	Lane 2: Human MCF-7 cell lysates
	Lane 3: Human U251 cell lysates
	Primary: Anti-GLTPD2 (TMAB-06529) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 32 kDa
	Observed band size: 36 kDa
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 GLTPD2
Antigen Species:	Human
Gene ID:	388323
Uniprot ID:	A6NH11

### Research Background

The GLTP (glycolipid transfer protein) superfamily is defined by a unique lipid transfer/binding fold (GLTP fold) that accelerate glycolipid intermembrane transfer. GLTPD2 is a 291 amino acid protein that belongs to the GLTP family. The gene encoding GLTPD2 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, p53 and BRCA1. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth are both linked to mutations on chromosome 17. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

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