

Anti-GGT6 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Pig, Horse, Sheep)
Molecular Weight:	Theoretical: 50 kDa. Actual: 46 kDa.
Purification:	Protein A purified

Applications

Sample:	293T (Human) Cell Lysate at 30 µg Liver (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-GGT6 (TMAB-06464) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 46 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 GGT6
Antigen Species:	Human
Gene ID:	124975
Uniprot ID:	Q6P531

Research Background

GGT6 belongs to the gamma-glutamyltransferase family. GGT is a membrane-bound extracellular enzyme that cleaves gamma-glutamyl peptide bonds in glutathione and other peptides and transfers the gamma-glutamyl moiety to acceptors. GGT is also key to glutathione homeostasis because it provides substrates for glutathione synthesis. GGT6 has very limited amino acid similarity to GGT1 and its enzymatic activities are currently uncharacterized. GGT assays are of current widespread clinical use to help assess tissue damage.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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