

## Anti-GGT6 Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 50 kDa. Actual: 60 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample:
	Lane 1: Mouse Liver tissue lysates
	Lane 2: Rat Liver tissue lysates
	Lane 3: Human MCF-7 cell lysates
	Lane 4: Human HepG2 cell lysates
	Lane 5: Human A431 cell lysates
	Primary: Anti-GGT6 (TMAB-06463) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 50 kDa
	Observed band size: 60 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 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.

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