

Anti-GDPD1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 36 kDa. Actual: 38 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Mouse Muscle tissue lysates Lane 2: Rat Muscle tissue lysates
Verified Activity:	Primary: Anti-GDPD1 (TMAB-06416) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kDa Observed band size: 38 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 GDPD1/GDE4
Antigen Species:	Human
Gene ID:	284161
Uniprot ID:	Q8N9F7

Research Background

GDE4 is a 314 amino acid cytoplasmic and multi-pass membrane protein that belongs to the glycerophosphoryl diester phosphodiesterase family. Expressed in small intestine, placenta, kidney, ovary, thymus, pancreas, spleen, liver and peripheral blood leukocytes, GDE4 contains one GDPD domain and exists as three alternatively spliced isoforms. GDE4 is encoded by a gene that 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, namely, p53 and BRCA1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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