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Product datasheet for TA349035

GDPD5 Rabbit Polyclonal Antibody

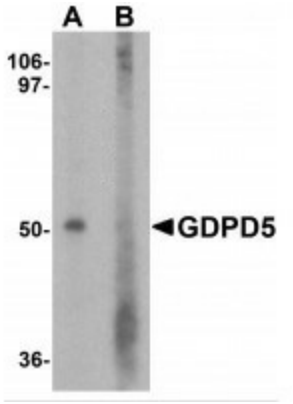
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	GDPD5 antibody was raised against an 18 amino acid peptide near the amino terminus of human GDPD5.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	GDPD5 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 40, 67 kDa; Observed: 52 kDa
Gene Name:	glycerophosphodiester phosphodiesterase domain containing 5
Database Link:	NP_110419 Entrez Gene 233552 MouseEntrez Gene 499211 RatEntrez Gene 81544 Human Q8WTR4
Background:	The glycerophosphodiester phosphodiesterase domain containing 5 (GDPD5) protein, also known as GDE2, is a seven transmembrane, widely expressed protein (1) that is necessary for spinal motor neuron differentiation and retinoid-induced neuronal outgrowth (2,3). Altered choline phospholipid metabolism is a hallmark of cancer, and the elevated expression of GDPD5 correlates with malignant choline phospholipid metabolite profiles in human breast cancer (4).
Synonyms:	GDE2; PP1665

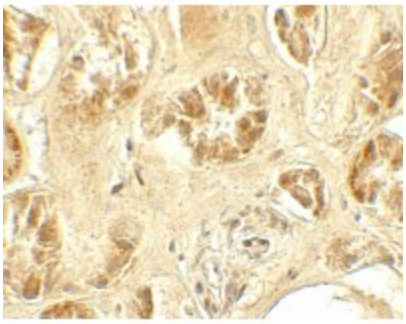
View online »

Protein Families: Transmembrane

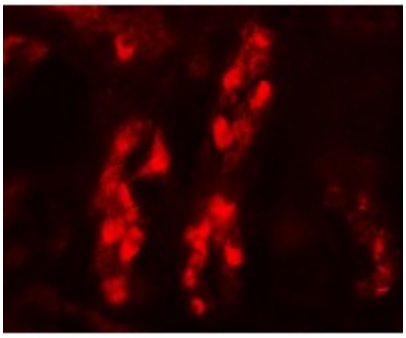
Product images:



Western blot analysis of GDPD5 in mouse kidney tissue lysate with GDPD5 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of GDPD5 in human kidney tissue with GDPD5 antibody at 5 ug/mL.



Immunofluorescence of GDPD5 in human kidney tissue with GDPD5 antibody at 20 ug/mL.