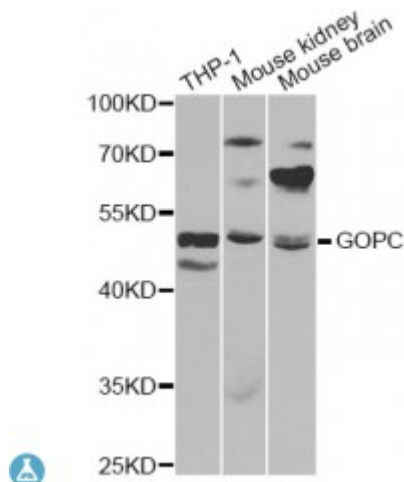


Anti-GOPC Antibody



Description

This gene encodes a Golgi protein with a PDZ domain. The PDZ domain is globular and proteins which contain them bind other proteins through short motifs near the C-termini. Mice which are deficient in the orthologous protein have globozoospermia and are infertile. Multiple transcript variants encoding different isoforms have been found for this gene.

Model	STJ115397
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 195-454 of human GOPC (NP_001017408.1).
Gene ID	57120
Gene Symbol	GOPC
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200
Tissue Specificity	Ubiquitously expressed
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Golgi-associated PDZ and coiled-coil motif-containing protein CFTR-associated ligand Fused in glioblastoma PDZ protein interacting specifically

	with TC10 PIST
Molecular Weight	50.52 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:17643 OMIM:606845 Reactome:R-HSA-5627083
Alternative Names	Golgi-associated PDZ and coiled-coil motif-containing protein CFTR-associated ligand Fused in glioblastoma PDZ protein interacting specifically with TC10 PIST
Function	Plays a role in intracellular protein trafficking and degradation, May regulate CFTR chloride currents and acid-induced ASIC3 currents by modulating cell surface expression of both channels, May also regulate the intracellular trafficking of the ADR1B receptor, May play a role in autophagy, Overexpression results in CFTR intracellular retention and degradation in the lysosomes,
Cellular Localization	Cytoplasm, Golgi apparatus membrane

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