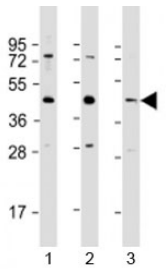
G6PC3 Antibody / Glucose-6-phosphatase 3 (F53958)

Catalog No.	Formulation	Size
F53958-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53958-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9BUM1
Applications	Western blot: 1:500-1000
Limitations	This G6PC3 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human A549 and 3) mouse brain lysate with G6PC3 antibody at 1:1000. Predicted molecular weight: 39 kDa.

Description

Glucose 6 phosphatase, catalytic, 3 hydrolyzes glucose-6-phosphate to glucose in the endoplasmic reticulum. May form with the glucose-6-phosphate transporter (SLC37A4/G6PT) a ubiquitously expressed complex responsible for glucose production through glycogenolysis and gluconeogenesis. Probably required for normal neutrophil function.

Application Notes

Titration of the G6PC3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 215-246 from the human protein was used as the immunogen for the G6PC3 antibody.

Storage

Aliquot the G6PC3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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