

G3PP Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55160**Specification**

G3PP Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P57057
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57648

G3PP Polyclonal Antibody - Additional Information**Gene ID** 54020**Other Names**

Glucose-6-phosphate exchanger SLC37A1, Glycerol-3-phosphate permease, G-3-P permease, Solute carrier family 37 member 1 {ECO:0000312|HGNC:HGNC:11024}, SLC37A1 ([HGNC:11024](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11024))

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

G3PP Polyclonal Antibody - Protein Information**Name** SLC37A1 ([HGNC:11024](#))**Function**

Inorganic phosphate and glucose-6-phosphate antiporter. May transport cytoplasmic glucose-6-phosphate into the lumen of the endoplasmic reticulum and translocate inorganic phosphate into the opposite direction. Independent of a luminal glucose-6-phosphatase. May not play a role in homeostatic regulation of blood glucose levels.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

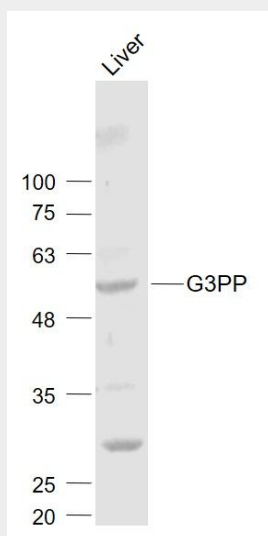
Expressed in numerous tissues, with highest expression in pancreas, kidney, bone marrow, spleen, liver, small intestine, as well as in fetal brain, liver and spleen

G3PP Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

G3PP Polyclonal Antibody - Images



Sample:

Liver (Mouse) Lysate at 40 ug

Primary: Anti- G3PP (bs-13445R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 58 kD

Observed band size: 58 kD