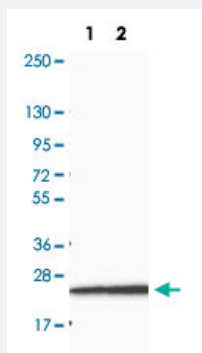


GFPT2 polyclonal antibody

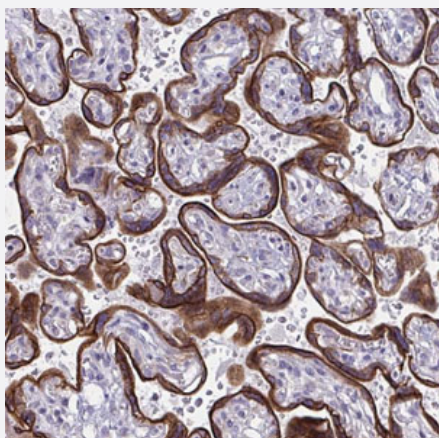
Catalog # PAB29477 Size 100 uL

Applications



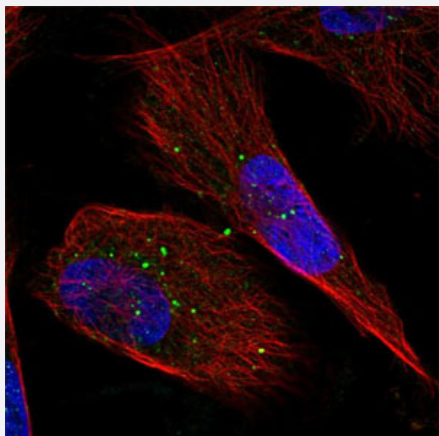
Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of Lane 1: RT-4 cell lysate, Lane 2: U-251 MG cell lysate with GFPT2 polyclonal antibody (Cat# PAB29477) at 1:100 - 1:250 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with GFPT2 polyclonal antibody (Cat# PAB29477) shows strong cytoplasmic positivity in trophoblastic cells at 1:20 - 1:50 dilution.



Immunofluorescence

Immunofluorescent staining of U-251 MG cells with GFPT2 polyclonal antibody (Cat# PAB29477) under 1-4 ug/mL working concentration shows positivity in vesicles. Antibody staining is shown in green.

Specification

Product Description	GFPT2 polyclonal antibody raised against recombinant human GFPT2.
Immunogen	Recombinant protein corresponding to amino acids of human GFPT2.
Sequence	PILYRTCTLENVKNICKTRMKRLDSSACL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of Lane 1: RT-4 cell lysate, Lane 2: U-251 MG cell lysate with GFPT2 polyclonal antibody (Cat# PAB29477) at 1:100 - 1:250 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with GFPT2 polyclonal antibody (Cat# PAB29477) shows strong cytoplasmic positivity in trophoblastic cells at 1:20 - 1:50 dilution.

- Immunofluorescence

Immunofluorescent staining of U-251 MG cells with GFPT2 polyclonal antibody (Cat# PAB29477) under 1-4 ug/mL working concentration shows positivity in vesicles. Antibody staining is shown in green.

Gene Info — GFPT2

Entrez GeneID	9945
Protein Accession#	O94808
Gene Name	GFPT2
Gene Alias	FLJ10380, GFAT2
Gene Description	glutamine-fructose-6-phosphate transaminase 2
Omim ID	603865
Gene Ontology	Hyperlink
Other Designations	glutamine: fructose-6-phosphate aminotransferase 2

Pathway

- [Alanine](#)
- [Amino sugar and nucleotide sugar metabolism](#)
- [Metabolic pathways](#)

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Renal Insufficiency](#)