



[Go to Product page](#)

Datasheet for ABIN1679984
anti-GFPT1 antibody (AA 1-150)

3 Images

Overview

Quantity:	100 µg
Target:	GFPT1
Binding Specificity:	AA 1-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFPT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human GFPT1 (NP_002047.2).
Sequence:	MCGIFAYLNY HVPRTREIL ETLIKGLQRL EYRGYDSAGV GFDGGNDKDW EANACKIQLI KKKGGKVKALD EEVHKQQDMD LDIEFDVHLG IAHRWATHG EPSPVNSHPQ RSDKNNEFIV IHNGIITNYK DLKKFLESKG YDFESETDTE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

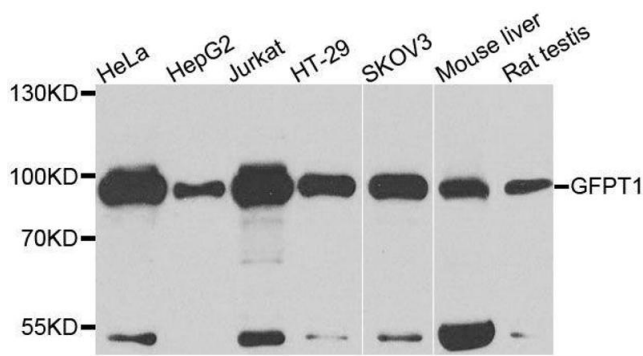
Target:	GFPT1
Alternative Name:	GFPT1 (GFPT1 Products)
Background:	This gene encodes the first and rate-limiting enzyme of the hexosamine pathway and controls the flux of glucose into the hexosamine pathway. The product of this gene catalyzes the formation of glucosamine 6-phosphate.,GFPT1,CMS12,CMSTA1,GFA,GFAT,GFAT 1,GFAT1,GFAT1m,GFPT,GFPT1L,MSLG,GFPT1
Molecular Weight:	76 kDa/78 kDa
Gene ID:	2673
UniProt:	Q06210
Pathways:	ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

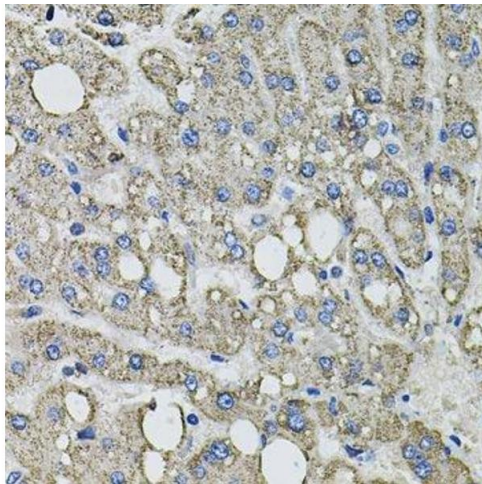
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



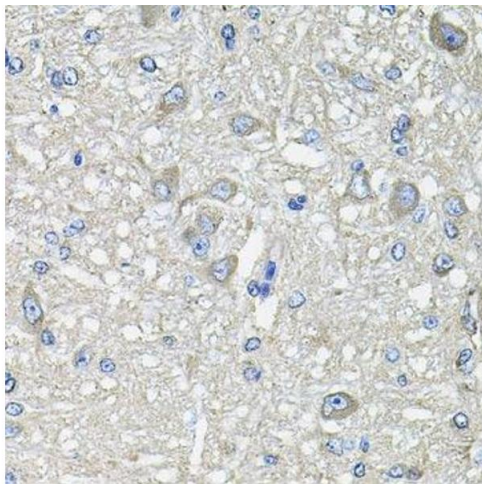
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GFPT1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human liver injury using GFPT1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat brain using GFPT1 antibody.