

GFPT1 Rabbit mAb

Catalog # AP75488

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q06210
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	78806

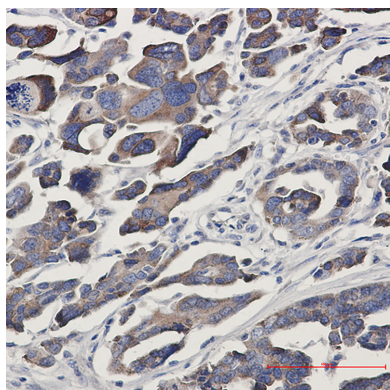
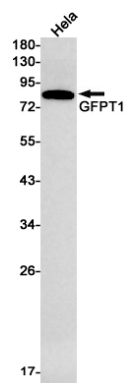
Additional Information

Gene ID	2673
Other Names	GFPT1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	GFPT1
Synonyms	GFAT, GFPT
Function	Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins. Regulates the circadian expression of clock genes BMAL1 and CRY1 (By similarity). Has a role in fine tuning the metabolic fluctuations of cytosolic UDP-GlcNAc and its effects on hyaluronan synthesis that occur during tissue remodeling (PubMed: 26887390).
Tissue Location	Isoform 1 is predominantly expressed in skeletal muscle. Not expressed in brain. Seems to be selectively expressed in striated muscle.

Images



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