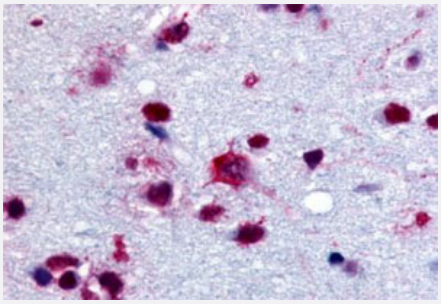
PYGB polyclonal antibody

Catalog # PAB28174 Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain with PYGB polyclonal antibody (Cat # PAB28174). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PYGB.
Immunogen	A synthetic peptide corresponding to 12 amino acids at C-terminus region of human PYGB.
Host	Rabbit
Reactivity	Human, Monkey, Rabbit
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/ml)
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — PYGB

Entrez GeneID	5834
Protein Accession#	P11216
Gene Name	PYGB
Gene Alias	MGC9213
Gene Description	phosphorylase, glycogen; brain
Omim ID	138550
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a glycogen phosphorylase found predominantly in the brain. T he encoded protein forms homodimers which can associate into homotetramers, the enzymaticall y active form of glycogen phosphorylase. The activity of this enzyme is positively regulated by AM P and negatively regulated by ATP, ADP, and glucose-6-phosphate. This enzyme catalyzes the ra te-determining step in glycogen degradation. [provided by RefSeq
Other Designations	OTTHUMP00000030488|brain glycogen phosphorylase|glycogen phosphorylase B

Pathway

- Insulin signaling pathway
- Starch and sucrose metabolism

Disease

- Alzheimer disease
- Cerebral Amyloid Angiopathy

- Cerebral Hemorrhage
- Genetic Predisposition to Disease
- Hypertension
- Intracranial Hemorrhages
- Neuroblastoma
- Stroke
- Subarachnoid Hemorrhage