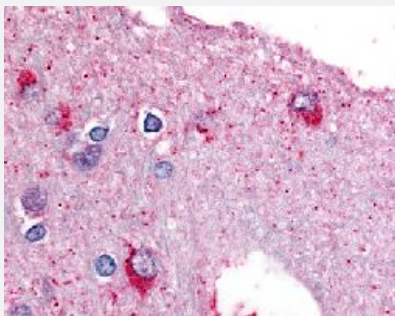


PYGB polyclonal antibody

Catalog # PAB16299

Size 50 ug

Applications



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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain with PYGB polyclonal antibody (Cat # PAB16299).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PYGB.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human PYGB.
Host	Rabbit
Reactivity	Bovine, Chicken, Hamster, Human, Monkey, Mouse, Pig, Rabbit, Rat, Sheep, Zebra fish
Specificity	Internal domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
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 should be handled by trained staff only.

Applications

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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain with PYGB polyclonal antibody (Cat # PAB16299).

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. The encoded protein forms homodimers which can associate into homotetramers, the enzymatically active form of glycogen phosphorylase. The activity of this enzyme is positively regulated by AMP and negatively regulated by ATP, ADP, and glucose-6-phosphate. This enzyme catalyzes the rate-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](#)