10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

GPBB / PYGB Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS10372

Specification

GPBB / PYGB Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	P11216
Reactivity	**Human, Rabbit, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**97kDa KDa**

GPBB / PYGB Antibody (C-Terminus) - Additional Information

Gene ID 5834

Other Names
Glycogen phosphorylase, brain form, 2.4.1.1, PYGB

Target/Specificity
Human PYGB. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
GPBB / PYGB Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GPBB / PYGB Antibody (C-Terminus) - Protein Information

Name PYGB {ECO:0000303|PubMed:3346228}

Function
Glycogen phosphorylase that regulates glycogen mobilization (PubMed:27402852). Phosphorylase is an important allosteric enzyme in carbohydrate metabolism (PubMed:3346228). Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates (PubMed:3346228). However, all known phosphorylases share catalytic and structural properties (PubMed:3346228).

Volume
50 µl

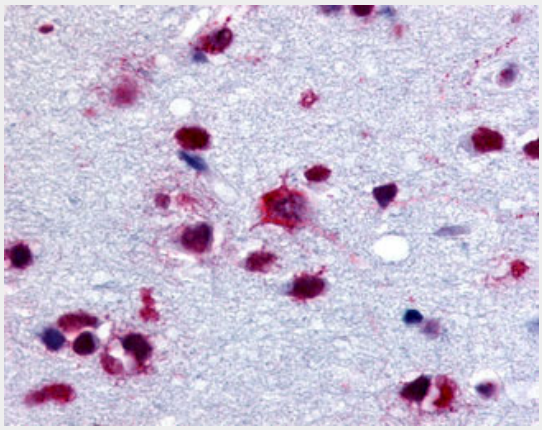
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GPBB / PYGB Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPBB / PYGB Antibody (C-Terminus) - Images



Anti-PYGB antibody ALS10372 IHC of human brain.

GPBB / PYGB Antibody (C-Terminus) - Background

Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

GPBB / PYGB Antibody (C-Terminus) - References

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Gelinas R.P.,et al.Brain Res. Mol. Brain Res. 6:177-185(1989).
Deloukas P.,et al.Nature 414:865-871(2001).
Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).
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