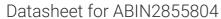
antibodies -online.com





anti-PYGB antibody (C-Term)



2

Publications



Go to Product page

Overview	
Quantity:	100 μL
Target:	PYGB (GPBB)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human GPBB.
	The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to GPBB (phosphorylase, glycogen, brain)
	GPBB antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	PYGB (GPBB)

Target Details

Larget Details	
Background:	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.
Molecular Weight:	97 kDa
Gene ID:	5834
Pathways:	Cellular Glucan Metabolic Process
Application Details	
Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: HepG2 , mouse brain
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.84 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

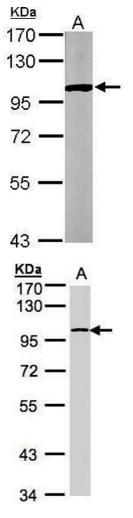
Product cited in:

Kitano, Kino, Yamamoto, Takitani, Miyoshi, Ishida, Saito, Arima, Satoh: "Bioinformatics Data

Mining Approach Suggests Coexpression of AGTPBP1 with an ALS-linked Gene C9orf72." in:

Journal of central nervous system disease, Vol. 7, pp. 15-26, (2015) (PubMed).

Images

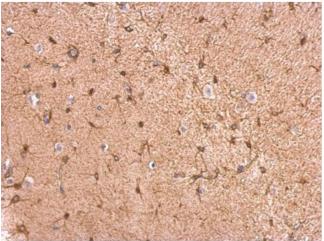


Western Blotting

Image 1. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 7.5% SDS PAGE antibody diluted at 1:1000

Western Blotting

Image 2. WB Image Sample(30 ug whole cell lysate) A:Hep G2, 7.5% SDS PAGE antibody diluted at 1:2000



Immunohistochemistry

Image 3. IHC-P Image GPBB antibody detects GPBB protein at cytosol on mouse fore brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse fore brain. GPBB antibody, dilution: 1:500.

Please check the product details page for more images. Overall 6 images are available for ABIN2855804.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn | International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com | Page 3/3 | Product datasheet for ABIN2855804 | 09/11/2023 | Copyright antibodies-online. All rights reserved.