

Datasheet for ABIN213380  
**anti-PYGL antibody (Internal Region)**



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2 Images

## Overview

Quantity:	50 µg
Target:	PYGL
Binding Specificity:	Internal Region
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGL antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 10 amino acid peptide from internal region of human PYGL. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Dog (100%), Gibbon, Marmoset, Panda (90%), Mouse, Sheep, Hamster, Horse, Rabbit (80%).  Type of Immunogen: Synthetic peptide
Specificity:	Human PYGL. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Dog (100%) Gibbon, Marmoset, Panda (90%) Mouse, Sheep, Hamster, Horse, Rabbit (80%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	PYGL
Alternative Name:	<a href="#">PYGL (PYGL Products)</a>
Background:	Name/Gene ID: PYGL  Synonyms: PYGL, GPLL, Phosphorylase, glycogen liver, Phosphorylase, glycogen, liver, GSD6
Gene ID:	5836
Pathways:	<a href="#">Carbohydrate Homeostasis</a> , <a href="#">Cellular Glucan Metabolic Process</a>

## Application Details

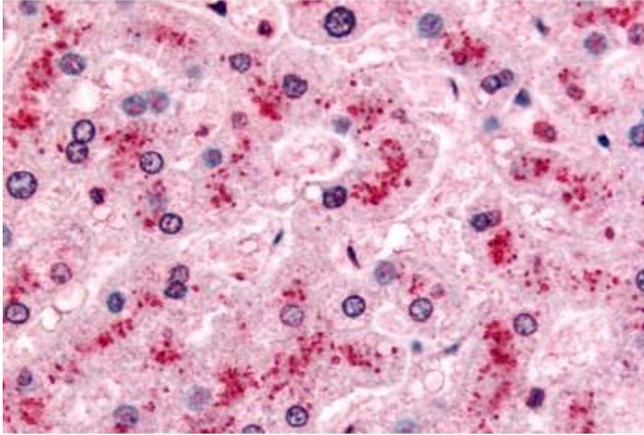
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Application Notes:	Approved: IHC, IHC-P (10 µg/mL)  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

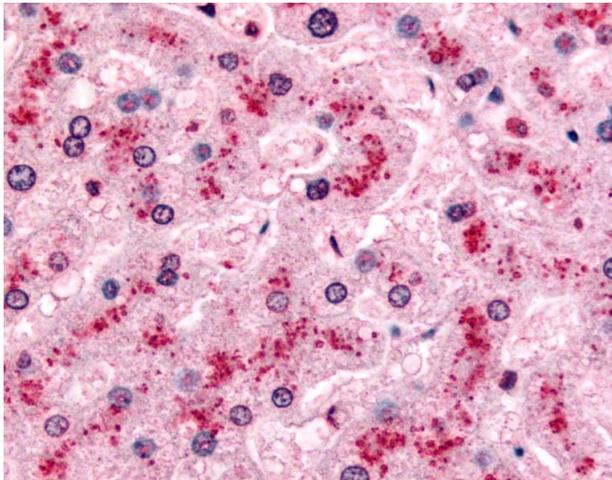
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Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Liver (formalin-fixed, paraffin-embedded) stained with PYGL antibody ABIN213380 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-PYGL antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.