

# PYGL Polyclonal Antibody

Catalog Number:E-AB-11510

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

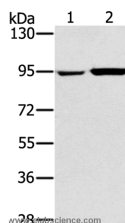
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant protein of human PYGL
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

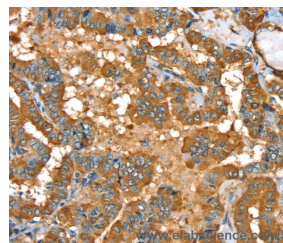
## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:30-1:150

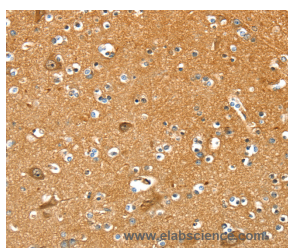
## Data



Western Blot analysis of 231 and PC3 cell using PYGL Polyclonal Antibody at dilution of 1:400  
**Calculated Mw:97kDa**



Immunohistochemistry of paraffin-embedded Human thyroid cancer using PYGL Polyclonal Antibody at dilution of 1:35



Immunohistochemistry of paraffin-embedded Human brain using PYGL Polyclonal Antibody at dilution of 1:35

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

This gene encodes a homodimeric protein that catalyses the cleavage of alpha-1,4-glucosidic bonds to release glucose-1-phosphate from liver glycogen stores. This protein switches from inactive phosphorylase B to active phosphorylase A by phosphorylation of serine residue 15. Activity of this enzyme is further regulated by multiple allosteric effectors and hormonal controls. Humans have three glycogen phosphorylase genes that encode distinct

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isozymes that are primarily expressed in liver, brain and muscle, respectively.

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