PYGL Polyclonal Antibody

catalog number: **E-AB-11510**

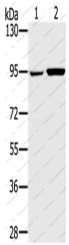
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human PYGL
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

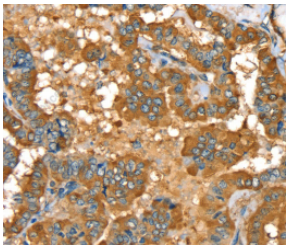
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:30-1:150

Data

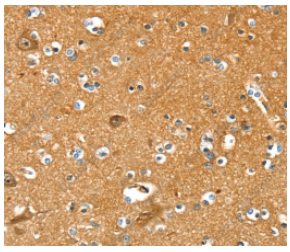


Western Blot analysis of 231 and PC3 cell using PYGL Polyclonal Antibody at dilution of 1:400

Calculated-MW:97 kDa



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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

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