Product Name: Cytoglobin Rabbit Polyclonal Antibody
Catalog #: APRab09716
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	

Antigen Information

Gene Name	CYGB STAP
Alternative Names	Cytoglobin (Histoglobin;HGb;Stellate cell activation-associated protein)
Gene ID	114757.0
SwissProt ID	Q8WWM9
Immunogen	Synthetic peptide from human protein at AA range: 1-60

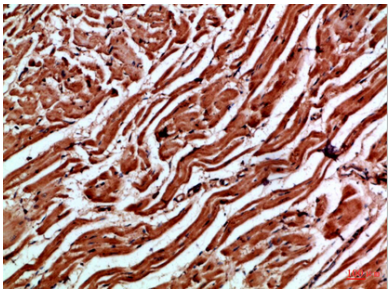
Background

This gene encodes a globin protein found in vertebrate cells. The encoded protein is described as a hexacoordinate hemoglobin which binds ligand differently from the pentacoordinate hemoglobins involved in oxygen transport, and may be

involved in protection during oxidative stress. This gene is located on chromosome 17 in the same region as a retinal gene which is mutated in progressive rod-cone degeneration, but in the opposite orientation. [provided by RefSeq, Jan 2012],function:May have a protective function during conditions of oxidative stress. May be involved in intracellular oxygen storage or transfer.,similarity:Belongs to the globin family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Ubiquitously expressed. Highest expression in heart, stomach, bladder and small intestine.,

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded Human-heart, antibody was diluted at 1:100