

Product Name: Cytoglobin Rabbit Polyclonal Antibody
Catalog #: APRab09716



Summary

Production Name	Cytoglobin Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

Dilution Ratio IHC 1:50-200 ELISA 1:10000-20000

Molecular Weight

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

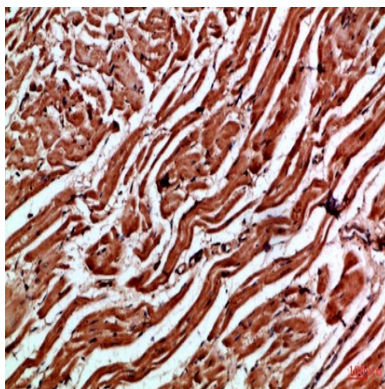
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be involved in protection during oxidative stress. This gene is located on chromosome 17 in the same region as a retinal gene which is mutated in progressive rod-cone degeneration, but in the opposite orientation. [provided by RefSeq, Jan 2012],function:May 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

Note

For research use only.