Rabbit Cytoglobin Polyclonal Antibody | anti-CYGB antibody

Cytoglobin Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173973	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry**

PRODUCT SYNONYMS

Cytoglobin; Polyclonal Antibody; Cytoglobin Polyclonal Antibody; Cytoglobin (Histoglobin) (HGb) (Stellate cell activation-associated protein); anti-CYGB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	190
Applicable Applications for anti-CYGB antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human skeletal muscle tissue using Cytoglobin Polyclonal Antibody at dilution of 1:100.

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human heart tissue using Cytoglobin Polyclonal Antibody at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-CYGB antibody	Cytoglobin is a ubiquitously expressed hexacoordinate hemoglobin that may facilitate diffusion of oxygen through tissues. The protein, with calculated MW of 21 kd, runs as a 29kd one in canine retina, kidney, liver, lung, and heart. It may be caused by posttranslational modification of the protein. Various immuno-staining patterns were reported including nuclear, cytoplasm and extracellular location.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19549331
NCBI GeneID	114757

NCBI Accession #	NP_599030.1
NCBI GenBank Nucleotide #	NM_134268.4
UniProt Accession #	Q8WWM9; Q541Y7; Q8N2X5
Molecular Weight	21,405 Da
NCBI Official Full Name	cytoglobin
NCBI Official Synonym Full Names	cytoglobin
NCBI Official Symbol	CYGB
NCBI Official Synonym Symbols	HGB; STAP
NCBI Protein Information	cytoglobin
UniProt Protein Name	Cytoglobin
UniProt Gene Name	**CYGB**
UniProt Synonym Gene Names	STAP; HGb

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/cytoglobin-antibody-immunohistochemistry-elisa/173973