

Datasheet for ABIN951802
anti-CYGB antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	CYGB
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYGB antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human CYGB. Genename: CYGB
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Cytoglobin (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	CYGB
Alternative Name:	Cytoglobin (CYGB Products)
Background:	Cytoglobin is a ubiquitously expressed hexacoordinate hemoglobin that may facilitate diffusion

Target Details

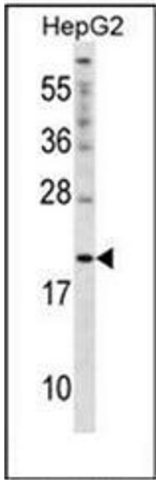
	of oxygen through tissues, scavenge nitric oxide or other reactive oxygen species, or serve a protective function during oxidative stress (Trent and Hargrove, 2002 [PubMed 11893755]).Synonyms: CYGB, HGb, Histoglobin, STAP, Stellate cell activation-associated protein
Molecular Weight:	21405 Da
Gene ID:	114757
NCBI Accession:	NP_599030

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of Cytochrome b5 (N-term) in HepG2 cell line lysates (35ug/lane). This demonstrates the Cytochrome b5 antibody detected the Cytochrome b5 protein (arrow).