

CYGB

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 21kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CYGB

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HGB; STAP;

Catalog #: A6488

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 114757

Isotype: IgG

Swiss Prot: Q8WWM9

Purity: Affinity purification

For research use only.

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.

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