For Research Use Only

HBB-Specific Polyclonal antibody

Catalog Number:19991-1-AP

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Basic Information

Catalog Number:
19991-1-AP

Size:
150ul , Concentration: 200 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_000518

GeneID (NCBI):
3043

UNIPROT ID:
P68871

Full Name:
hemoglobin, beta

Calculated MW:
16 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
ELISA

Species Specificity:
human

Background Information

HBB, also named as LVV-hemorphin-7, CD113t-C and beta-globin, Belongs to the globin family. HBB is involved in oxygen transport from the lung to the various peripheral tissues. HBB potentiates the activity of bradykinin, causing a decrease in blood pressure. Defects in HBB may be a cause of Heinz body anemias. Defects in HBB are the cause of beta-thalassemia (B-THAL). Defects in HBB are the cause of sickle cell anemia. Defects in HBB are the cause of beta-thalassemia dominant inclusion body type (B-THALIB). The antibody has no cross reaction with HBD.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data