

A1331

Leader in Biomolecular Solutions for Life Science



HBB Rabbit pAb

Catalog No.: A1331

1 Publications

Basic Information

Observed MW

16kDa

Calculated MW

16kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Rat

Background

The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult hemoglobin, Hb A. The normal adult hemoglobin tetramer consists of two alpha chains and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta-zero-thalassemia. Reduced amounts of detectable beta globin causes beta-plus-thalassemia. The order of the genes in the beta-globin cluster is 5'-epsilon - gamma-G -- gamma-A -- delta -- beta--3'.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3043

Swiss Prot

P68871

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 47-147 of human HBB (NP_000509.1).

Synonyms

ECYT6; CD113t-C; beta-globin; HBB

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

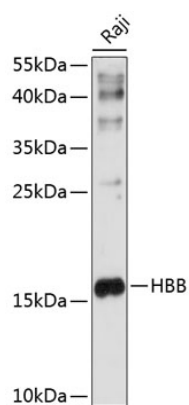
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of Raji cells, using HBB antibody (A1331) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 10s.