

AHSP Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22199c

Specification

AHSP Antibody (Center) - Product Information

Application	WB,E
Primary Accession	<u>Q9NZD4</u>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	11840

AHSP Antibody (Center) - Additional Information

Gene ID 51327

Other Names Alpha-hemoglobin-stabilizing protein, Erythroid differentiation-related factor, Erythroid-associated factor, AHSP, EDRF, ERAF

Target/Specificity

This AHSP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 39-73 amino acids from the Central region of human AHSP.

Dilution WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AHSP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

AHSP Antibody (Center) - Protein Information

Name AHSP

Synonyms EDRF, ERAF

Function Acts as a chaperone to prevent the harmful aggregation of alpha-hemoglobin during



normal erythroid cell development. Specifically protects free alpha-hemoglobin from precipitation. It is predicted to modulate pathological states of alpha-hemoglobin excess such as beta-thalassemia.

Cellular Location Cytoplasm.

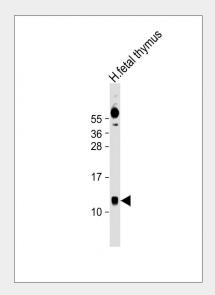
Tissue Location Expressed in blood and bone marrow.

AHSP Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

AHSP Antibody (Center) - Images



Anti-AHSP Antibody (Center) at 1:1000 dilution + human fetal thymus lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

AHSP Antibody (Center) - Background

Acts as a chaperone to prevent the harmful aggregation of alpha-hemoglobin during normal erythroid cell development. Specifically protects free alpha-hemoglobin from precipitation. It is predicted to modulate pathological states of alpha-hemoglobin excess such as beta-thalassemia.

AHSP Antibody (Center) - References



Miele G., et al.Nat. Med. 7:361-364(2001). Zhang Q.-H., et al.Genome Res. 10:1546-1560(2000). Michel U., et al.Submitted (JAN-2002) to the EMBL/GenBank/DDBJ databases. Finning K., et al.Submitted (FEB-2002) to the EMBL/GenBank/DDBJ databases. Kihm A.J., et al.Nature 417:758-763(2002).