10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AHSP Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22199c

Product Information

Application	WB, E
Primary Accession	Q9NZD4
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55144
Calculated MW	11840

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 E~~Use at an assay dependent concentration.
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.

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.

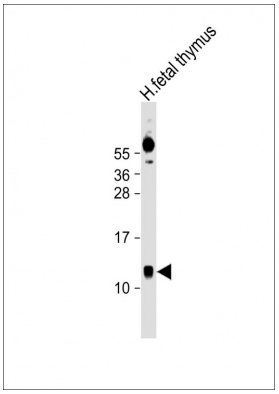
Background

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.

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).

Images



Anti-AHSP Antibody (Center) at 1:1000 dilution + human fetal thymus lysate Lysates/proteins at 20 µg 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.