

Rabbit anti-Human, Mouse AHSP Polyclonal Antibody | anti-AHSP antibody

AHSP

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268471	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

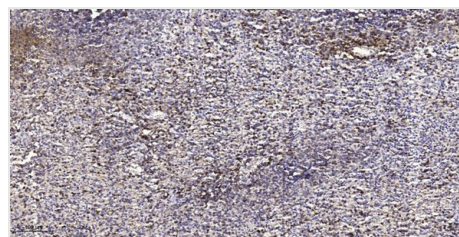
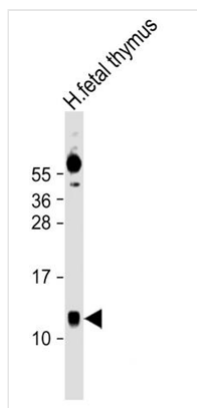
PRODUCT SYNONYMS

AHSP; Polyclonal Antibody; EDRF; ERAF; anti-AHSP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of AHSP at Human/Mouse
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	102
Applicable Applications for anti-AHSP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human AHSP AA range: 1-51
Subcellular Location	Cytoplasm
Expression	Expressed in blood and bone marrow
Preparation and Storage	Store at -15°C to -25°C. (Do not lower than -25°C)

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin- embedded human spleen tissue. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C, 20min). 3,Secondary antibody was diluted at 1:200.

Application Data

Anti-AHSP Antibody at 1:1000 dilution + human fetal thymus lysate Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-AHSP antibody	Background: This gene encodes a molecular chaperone which binds specifically to free alpha-globin and is involved in hemoglobin assembly. The encoded protein binds to monomeric alpha-globin until it has been transferred to beta-globin to form a heterodimer, which in turn binds to another heterodimer to form the stable tetrameric hemoglobin. Alternative splicing results in multiple transcript variants. Function: Act 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 betathalassemia., induction:By GATA-1 during erythroid maturation.,similarity:Belongs to the AHSP family.,subunit:Monomer. Forms an heterodimer with free alpha-hemoglobin. Does not bind beta-hemoglobin nor alpha(2)beta(2) hemoglobin A.,tissue specificity:Expressed in blood and bone marrow.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	970841892
NCBI GeneID	51327
NCBI Accession #	NP_001305150.1
NCBI GenBank Nucleotide #	NM_001318221.1
UniProt Accession #	Q9NZD4; Q8TD01
Molecular Weight	11-12kD
NCBI Official Full Name	alpha-hemoglobin-stabilizing protein
NCBI Official Synonym Full Names	alpha hemoglobin stabilizing protein
NCBI Official Symbol	AHSP
NCBI Official Synonym Symbols	EDRF; ERAF
NCBI Protein Information	alpha-hemoglobin-stabilizing protein
UniProt Protein Name	Alpha-hemoglobin-stabilizing protein
UniProt Gene Name	AHSP
UniProt Synonym Gene Names	EDRF; ERAF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ahsp-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/268471>