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Datasheet for ABIN6136672  
**anti-aHSP antibody (AA 1-102)**

1 Image

Overview

Quantity:	100 µL
Target:	aHSP
Binding Specificity:	AA 1-102
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This aHSP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-102 of human AHSP (NP_057717.1).
Sequence:	MALLKANKDL ISAGLKEFSV LLNQQVFNDP LVSEEDMVTV VEDWMNFYIN YYRQQVTGEP QERDKALQEL RQELNTLANP FLAKYRDFLK SHELP SHPPP SS
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	aHSP
Alternative Name:	AHSP ( <a href="#">aHSP Products</a> )
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.,AHSP,EDRF,ERAF,Signal Transduction,Stem Cells,Hematopoietic Progenitors,Cardiovascular,Blood,AHSP
Molecular Weight:	11 kDa
Gene ID:	51327
UniProt:	<a href="#">Q9NZD4</a>

## Application Details

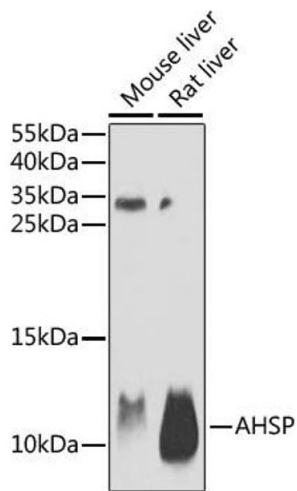
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using AHSP antibody (ABIN6131912, ABIN6136672, ABIN6136673 and ABIN6222122) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.