

PAA412Ra01

Polyclonal Antibody to Alpha-Hemoglobin Stabilizing Protein (aHSP)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PRODUCT INFORMATION]

Immunogen: aHSP, Rat

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

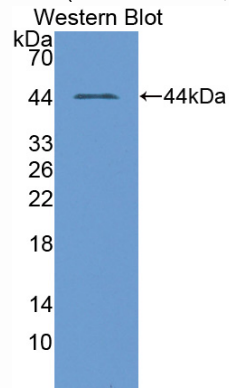
Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg

9th Edition (Revised in Jul, 2013)



Sample: Recombinant aHSP, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant aHSP (Ala2~Ser102) expressed in *E.coli*.

Accession No.: RPA412Ra01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFP KLVCFK
KRIEAI PQID KYLKSSKYIA WPLQG WQATF GGGDHPPKSD GSTSGSGHHH HHSAGL VPR
GSTAIGMKET AAKFERQHM DSPDLGTGGG SGIEGRGSMG YRGS-APFQSNKDL
ISTGIKEFNV LLDQQVFDDP LMPEEDMKT V VNDWVNLYIN YYKKHVLGEQ QEQDGALKEL
QQELSTLGSQ FLAKYRIILK SKETPSSKPP SS

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against aHSP. It has been selected for its ability to recognize aHSP in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3 , 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant aHSP (Ala2~Ser102) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.