

Rabbit HSPH1 Polyclonal Antibody | anti-HSPH1 antibody

HSPH1 Antibody (Center)

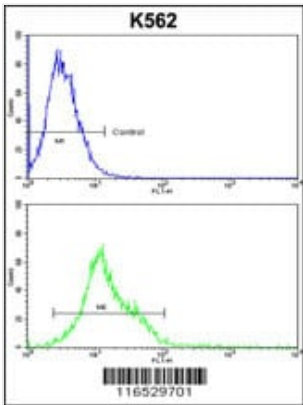
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288470	Rabbit	Human (Predicted Reactivity: Bovine, Hamster, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

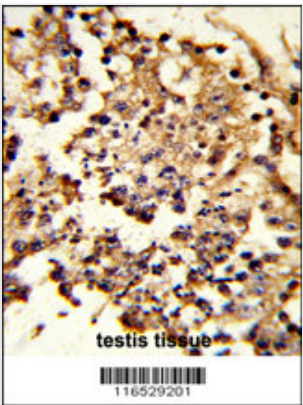
HSPH1; Polyclonal Antibody; HSPH1 Antibody (Center); Heat shock protein 105 kDa; Antigen NY-CO-25; Heat shock 110 kDa protein; HSP105; HSP110; KIAA0201; anti-HSPH1 antibody

PRODUCT SPECIFICATIONS

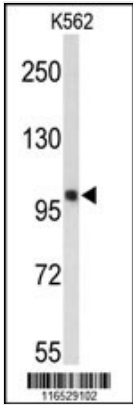
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Hamster, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HSPH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 549-579 amino acids from the Central region of human HSPH1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	549-579
Sequence Length	860
Applicable Applications for anti-HSPH1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HSPH1 Antibody (Center) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with HSPH1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HSPH1 Antibody (Center) in K562 cell line lysates (35ug/lane). HSPH1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPH1 antibody	HSPH1 prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. This protein inhibits HSPA8/HSC70 ATPase and chaperone activities.
Product Categories/Family for anti-HSPH1 antibody	Signal Transduction
References	Ishihara K., Yasuda K., Hatayama T.Biochim. Biophys. Acta 1444:138-142(1999) Nagase T., Seki N., Ishikawa K., Ohira M., Kawarabayasi Y.,DNA Res. 3:321-329(1996) The MGC Project Team Genome Res. 14:2121-2127(2004) Miyazaki M., Nakatsura T., Yokomine K., Senju S., Monji M., Hosaka S.,Cancer Sci. 96:695-705(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544159
NCBI GeneID	10808
NCBI Accession #	NP_006635.2
NCBI GenBank Nucleotide #	NM_006644.3
UniProt Accession #	Q92598; O95739; Q5TBM6; Q5TBM7; Q5TBM8; Q9UPC4; B4DYH1

Molecular Weight	96865
NCBI Official Full Name	heat shock protein 105 kDa isoform 1
NCBI Official Synonym Full Names	heat shock 105kDa/110kDa protein 1
NCBI Official Symbol	HSPH1
NCBI Official Synonym Symbols	HSP105; HSP105A; HSP105B; NY-CO-25
NCBI Protein Information	heat shock protein 105 kDa
UniProt Protein Name	Heat shock protein 105 kDa
UniProt Gene Name	HSPH1
UniProt Synonym Gene Names	HSP105; HSP110; KIAA0201
UniProt Entry Name	HS105_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/hsph1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288470>