Rabbit HSPH1 Polyclonal Antibody | anti-HSPH1 antibody

HSPH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200225	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat**	**Immunohistochemistry, Western Blot**

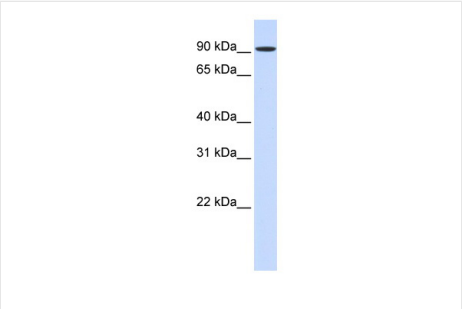
PRODUCT SYNONYMS

HSPH1; Polyclonal Antibody; HSPH1 antibody - middle region; anti-HSPH1 antibody

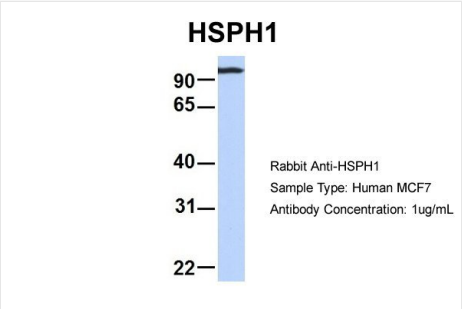
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:EE NEMSSEADME CLNQRPPENP DTDKNVQQDN SEAGTQPQVQ TDAQQTSQ
Sequence Length	858
Applicable Applications for anti-HSPH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HSPH1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

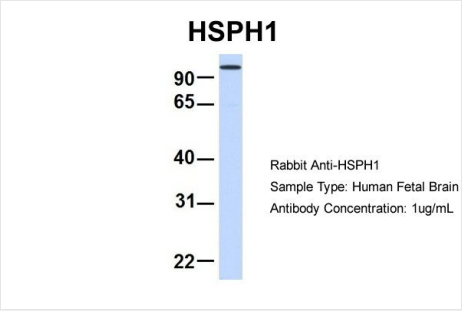
IMAGES



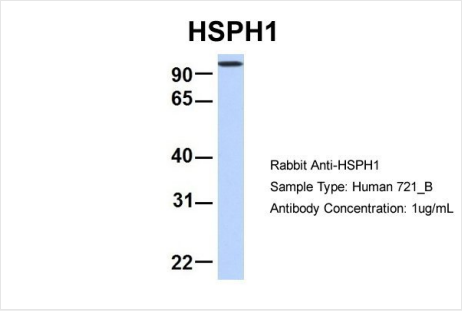
WB (Western Blot)
WB Suggested Anti-HSPH1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: 293T cell lysate



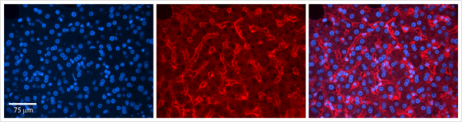
WB (Western Blot)
Host: RabbitTarget Name: HSPH1Sample Type: Human MCF7Antibody Dilution: 1.0ug/mlHSPH1 is strongly supported by BioGPS gene expression data to be expressed in MCF7



WB (Western Blot)
Host: RabbitTarget Name: HSPH1Sample Type: Human Fetal BrainAntibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: HSPH1Sample Type: Human 721_BAntibody Dilution: 1.0ug/mlHSPH1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



IHC (Immunohistochemistry)
Rabbit Anti-HSPH1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Liver TissueObserved Staining: Cytoplasm in endothelial cells in sinusoidsPrimary Antibody Concentration: 1:100Other Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-HSPH1 antibody	This is a rabbit polyclonal antibody against HSPH1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HSPH1 prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. It inhibits HSPA8/HSC70 ATPase and chaperone activities.
Product Categories/Family for anti-HSPH1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544159
NCBI GeneID	10808
NCBI Accession #	NP_006635
NCBI GenBank Nucleotide #	NM_006644
UniProt Accession #	Q92598
Molecular Weight	97kDa
NCBI Official Full Name	heat shock protein 105 kDa isoform 1
NCBI Official Synonym Full Names	heat shock protein family H (Hsp110) member 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.

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