

Rabbit Hsp105 Polyclonal Antibody | anti-HSPH1 antibody

Anti-Hsp105 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45180	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunohistochemistry, Western Blot

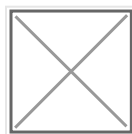
PRODUCT SYNONYMS

Hsp105; Polyclonal Antibody; Anti-Hsp105 antibody; Heat shock protein 105 kDa; heat shock 105kDa/110kDa protein 1; Antigen NY CO 25 antibody; Antigen NY-CO-25 antibody; DKFZp686M05240 antibody; Heat shock 105kD alpha antibody; Heat shock 105kD antibody; Heat shock 105kD beta antibody; Heat shock 105kDa protein 1 antibody; Heat shock 105kDa protein antibody; Heat shock 105kDa/110kDa protein 1 antibody; Heat shock 110 kDa protein antibody; Heat shock 110kDa protein antibody; Heat shock protein 105 kDa antibody; HS105_HUMAN antibody; HSP105 antibody; HSP105A antibody; HSP105B antibody; HSP110 antibody; HSPH 1 antibody; HSPH1 antibody; KIAA0201 antibody; NY CO 25 antibody; anti-HSPH1 antibody

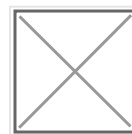
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	858
Applicable Applications for anti-HSPH1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Hsp105 (713-733aa EVMEWMNNVMNAQAKKSLDQD), different from the related mouse sequence by one amino acid, and different from the related rat sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-Hsp105 antibody, AAA45180, IHC(F)IHC(F): Rat Intestine Tissue


IHC (Immunohistochemistry)

Anti-Hsp105 antibody, AAA45180, IHC(P)IHC(P): Rat Intestine Tissue

**IHC (Immunohistochemistry)**

Anti-Hsp105 antibody, AAA45180, IHC(P)IHC(P): Human Mammary Cancer Tissue

**WB (Western Blot)**

Anti-Hsp105 antibody, AAA45180, Western blottingLane 1: Rat Ovary Tissue LysateLane 2: A549 Cell LysateLane 3: U87 Cell LysateLane 4: HELA Cell Lysate

ADDITIONAL INFORMATION**Related Product Information for anti-HSPH1 antibody**

Description: Rabbit IgG polyclonal antibody for Heat shock protein 105 kDa(HSPH1) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat.

Background: HSP105(HEAT-SHOCK 105/110-KD PROTEIN 1), also called HSPH1 or HSP110, is a protein that in humans is encoded by the HSPH1 gene. Immunohistochemical analysis localizes HSP105 mainly in the cytoplasm. Database analysis indicates that both HSP105 isoforms are highly conserved during evolution. By analysis of radiation hybrids and human/rodent hybrid cell lines, the HSPH1 gene is mapped to chromosome 13. Both HSP105-alpha and HSP105-beta are upregulated in HeLa cells exposed to heat shock. HSP105-alpha, but not HSP105-beta, is also upregulated in response to other cell stresses. Following heat shock, HSP105 relocates from a cytoplasmic to perinuclear position. Besides, HSP110 may thus constitute a major determinant for both prognosis and treatment response in colorectal cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2495344
NCBI GeneID	10808
UniProt Accession #	Q92598; O95739; Q5TBM6; Q5TBM7; Q5TBM8; Q9UPC4; B4DYH1
Molecular Weight	97,460 Da
NCBI Official Full Name	Heat shock protein 105 kDa
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; antigen NY-CO-25; heat shock 105kD beta; heat shock 105kD alpha
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp105-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/45180>