

Product Name: KD-Validated HSPH1 Rabbit Polyclonal Antibody**Catalog #: KVA01136**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000
Molecular Weight	Calculated MW: 96.9kDa

Antigen Information

Gene Name	HSPH1
Alternative Names	HSPH1; Heat Shock Protein Family H (Hsp110) Member 1; KIAA0201; NY-CO-25; HSP105B; HSP105A; Heat Shock Protein Family H Member 1; Heat Shock 105kDa/110kDa Protein 1; Heat Shock Protein 105 KDa; Antigen NY-CO-25; HSP105; Heat Shock 110 KDa Protein; HSP110
Gene ID	10808.0
SwissProt ID	Q92598
Immunogen	A synthesized peptide derived from human HSPH1

Background

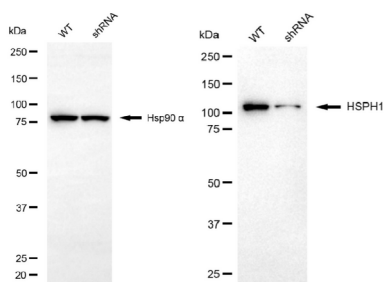
This gene encodes a member of the heat shock protein 70 family of proteins. The encoded protein functions as a nucleotide

exchange factor for the molecular chaperone heat shock cognate 71 kDa protein (Hsc70). In addition, this protein plays a distinct but related role as a holdase that inhibits the aggregation of misfolded proteins, including the cystic fibrosis transmembrane conductance regulator (CFTR) protein. Elevated expression of this protein has been observed in numerous human cancers. [provided by RefSeq, Mar 2017]

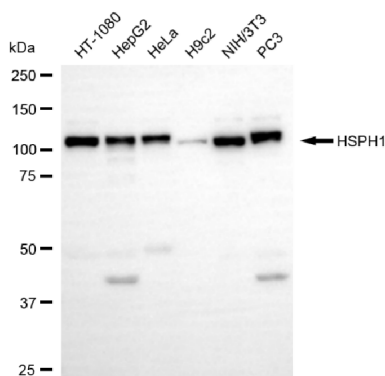
Research Area

Signal Transduction

Image Data



Western blotting analysis using HSPH1 antibody (KVA01136). HSPH1 expression in wild-type (WT) and HSPH1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with HSPH1 antibody (KVA01136, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using HSPH1 antibody (KVA01136). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HSPH1 antibody (KVA01136, 1:2,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.