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HSP105 Polyclonal Antibody

Catalog # AP70432

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q92598
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96865

Additional Information

Gene ID	10808
Other Names	HSPH1; HSP105; HSP110; KIAA0201; Heat shock protein 105 kDa; Antigen NY-CO-25; Heat shock 110 kDa protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

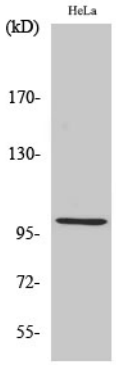
Protein Information

Name	HSPH1
Synonyms	HSP105, HSP110, KIAA0201
Function	Acts as a nucleotide-exchange factor (NEF) for chaperone proteins HSPA1A and HSPA1B, promoting the release of ADP from HSPA1A/B thereby triggering client/substrate protein release (PubMed:24318877). Prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. Inhibits HSPA8/HSC70 ATPase and chaperone activities (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.

Background

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Images



Western Blot analysis of various cells using HSP105 Polyclonal Antibody

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