

**HSPH1 / HSP110 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14994****Specification**

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**HSPH1 / HSP110 Antibody - Product Information**

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|-------------------|----------------------------------------------------------|
| Application       | IHC                                                      |
| Primary Accession | <a href="#">Q92598</a>                                   |
| Reactivity        | Human, Mouse, Rat, Hamster, Monkey, Sheep, Yeast, Bovine |
| Host              | Rabbit                                                   |
| Clonality         | Polyclonal                                               |
| Calculated MW     | 97kDa KDa                                                |

**HSPH1 / HSP110 Antibody - Additional Information****Gene ID** 10808**Other Names**

Heat shock protein 105 kDa, Antigen NY-CO-25, Heat shock 110 kDa protein, HSPH1, HSP105, HSP110, KIAA0201

**Target/Specificity**

Detects ~110 kD protein.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

HSPH1 / HSP110 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**HSPH1 / HSP110 Antibody - 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:<a href="http://www.uniprot.org/citations/24318877" target="\_blank">24318877</a>). 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.

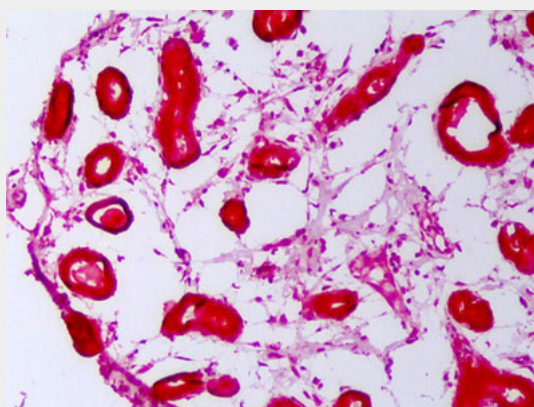
**Tissue Location**

Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.

**HSPH1 / HSP110 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**HSPH1 / HSP110 Antibody - Images**

Anti-HSP110 / Heat Shock Protein 110 antibody IHC of human breast.

**HSPH1 / HSP110 Antibody - Background**

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).

**HSPH1 / HSP110 Antibody - References**

Ishihara K., et al. Biochim. Biophys. Acta 1444:138-142(1999).  
Scanlan M.J., et al. Int. J. Cancer 76:652-658(1998).  
Nagase T., et al. DNA Res. 3:321-329(1996).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Dunham A., et al. Nature 428:522-528(2004).