

HSPH1 / HSP110 Antibody (aa791-840)
Rabbit Polyclonal Antibody
Catalog # ALS15424**Specification**

HSPH1 / HSP110 Antibody (aa791-840) - Product Information

Application	IF, WB, IHC
Primary Accession	O92598
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97kDa KDa

HSPH1 / HSP110 Antibody (aa791-840) - 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

HSP105 Antibody detects endogenous levels of total HSP105 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

HSPH1 / HSP110 Antibody (aa791-840) is for research use only and not for use in diagnostic or therapeutic procedures.

HSPH1 / HSP110 Antibody (aa791-840) - 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.

Volume

50 μ l

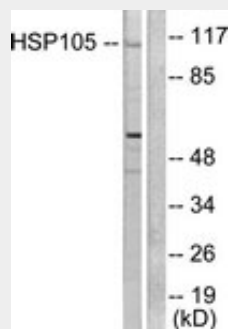
HSPH1 / HSP110 Antibody (aa791-840) - Protocols

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

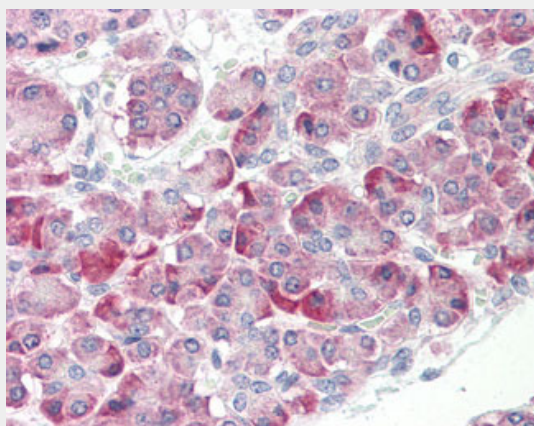
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HSPH1 / HSP110 Antibody (aa791-840) - Images

Immunofluorescence of HeLa cells, using HSP105 Antibody.



Western blot of extracts from HeLa cells, using HSP105 Antibody.



Anti-HSPH1 / HSP110 antibody IHC of human pancreas.

HSPH1 / HSP110 Antibody (aa791-840) - 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 (aa791-840) - 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).