

HSP105 Polyclonal Antibody

Catalog # AP70432

Specification

HSP105 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB, IHC-P, IF <u>092598</u> Human, Mouse Rabbit Polyclonal

HSP105 Polyclonal Antibody - 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

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20℃

HSP105 Polyclonal 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: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.

HSP105 Polyclonal Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

HSP105 Polyclonal Antibody - Images



HSP105 Polyclonal Antibody - Background

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