

Product Name: HSP105 Rabbit Polyclonal Antibody
Catalog #: APRab12239



Summary

Production Name	HSP105 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	HSPH1
Alternative Names	HSPH1; HSP105; HSP110; KIAA0201; Heat shock protein 105 kDa; Antigen NY-CO-25; Heat shock 110 kDa protein
Gene ID	10808.0
SwissProt ID	Q92598.The antiserum was produced against synthesized peptide derived from human HSP105. AA range:791-840

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:10000.Not yet tested in other applications.
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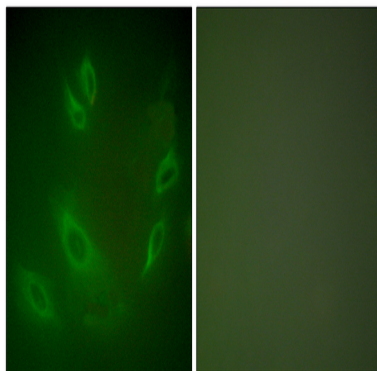
Molecular Weight 100kDa

Background

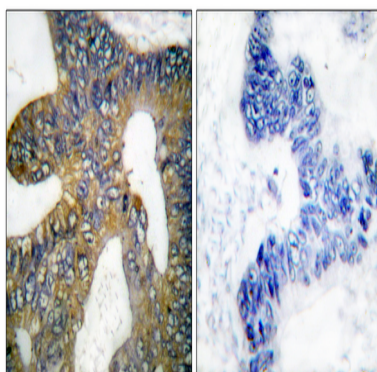
function: Prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. Inhibits HSPA8/HSC70 ATPase and chaperone activities., PTM: Phosphorylation on Ser-509 may be important for regulation of the HSPA8/HSC70 chaperone activity., similarity: Belongs to the heat shock protein 70 family., subunit: Interacts with HSPA8/HSC70., tissue specificity: Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells., function: 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., PTM: Phosphorylation on Ser-509 may be important for regulation of the HSPA8/HSC70 chaperone activity., similarity: Belongs to the heat shock protein 70 family., subunit: Interacts with HSPA8/HSC70., tissue specificity: Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.,

Research Area

Image Data



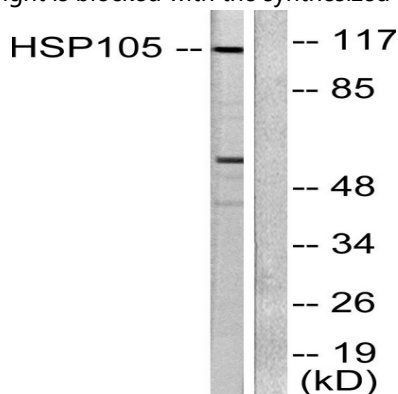
Immunofluorescence analysis of HeLa cells, using HSP105 Antibody. The picture on the right is blocked with the synthesized peptide.



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Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using HSP105 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using HSP105 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HSP105 Polyclonal Antibody

Note

For research use only.