

HSP105 Polyclonal Antibody

Catalog No. E-AB-10380

Note: Centrifuge before opening to ensure complete recovery of vial contents.

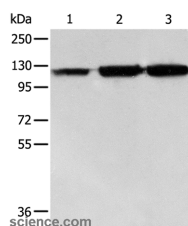
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human HSPH1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western Blot analysis of PC3 cell, Human colon cancer and liver cancer tissue using HSP105 Polyclonal Antibody at dilution of 1:500
Calculated Mw:97kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Heat shock protein 105 kDa is a protein that in humans is encoded by the HSPH1 gene. 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. Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells. Phosphorylation on Ser-509 may be important for regulation of the HSPA8/HSC70 chaperone activity.

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