

HSP72 (PT1937R) PT™ Rabbit mAb

CatalogNo: YM960236 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 70kD (Calculated)
68kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

Basic Information

Clonality Monoclonal

Clone Number PT1937R

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

Target Information

Gene name HSPA2

Protein Name Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2)

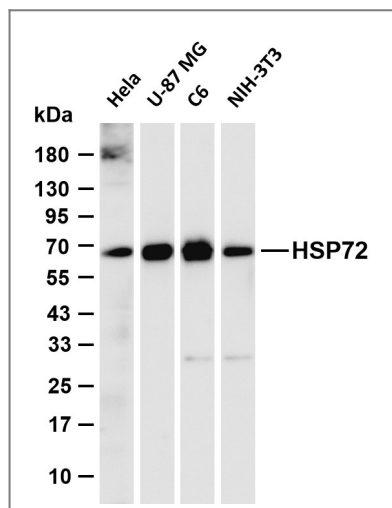
Organism	Gene ID	UniProt ID
Human	3306;	P54652;
Mouse		P17156;
Rat		P14659;

Cellular Localization Cytoplasm , cytoskeleton , spindle . Colocalizes with SHCBP1L at spindle during the meiosis process. .

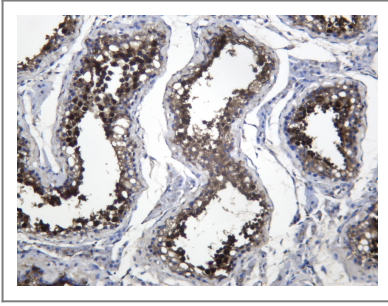
Tissue specificity Brain ,Eye ,Lung ,

Function Function:In cooperation with other chaperones , Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation , or following stress-induced damage. ,similarity:Belongs to the heat shock protein 70 family. ,subunit:Interacts with ZNF541. ,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HSP72 (PT1937R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: U-87 MG Lane 3: C6 Lane 4: NIH-3T3 Predicted band size: 70kDa Observed band size: 68kDa



Human testis was stained with anti-HSP72 (PT1937R) Rabbit antibody

| Contact information

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