

HSP72 Polyclonal Antibody

Catalog No :	YN0205
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	HSP72
Fields :	>>Spliceosome;>>MAPK signaling pathway;>>Protein processing in endoplasmic reticulum;>>Endocytosis;>>Longevity regulating pathway - multiple species;>>Antigen processing and presentation;>>Estrogen signaling pathway;>>Prion disease;>>Legionellosis;>>Toxoplasmosis;>>Measles;>>Lipid and atherosclerosis
Gene Name :	HSPA2
Protein Name :	Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2)
Human Gene Id :	3306
Human Swiss Prot No :	P54652
Mouse Swiss Prot No :	P17156
Rat Swiss Prot No :	P14659
Immunogen :	Synthesized peptide derived from human protein . at AA range: 470-550
Specificity :	HSP72 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	70kD
Cell Pathway :	Spliceosome;MAPK_ERK_Growth;MAPK_G_Protein;Endocytosis;Antigen processing and presentation;
Background :	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.,
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Subcellular Location :	Cytoplasm, cytoskeleton, spindle . Colocalizes with SHCBP1L at spindle during the meiosis process. .
Expression :	Brain, Eye, Lung,

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