



HSP72 rabbit pAb

Cat No.:ES9151

For research use only

Overview

Product Name	HSP72 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
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, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2)
Gene Name	HSPA2
Cellular localization	Cytoplasm, cytoskeleton, spindle . Colocalizes with SHCBP1L at spindle during the meiosis process. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	3306
Human Swiss-Prot Number	P54652
Alternative Names	
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





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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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