

HSP70 Antibody HRP Conjugated

Catalog No: #C00100H

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Description

Product Name	HSP70 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 480-530 641 derived from human HSP70
Conjugates	HRP
Target Name	HSP70
Other Names	HSP72; HSPA1; HSP7I; HSP7-1; HSP7-1A; HEL-S-13; Heat shock 7 kDa protein 1A 1B; Heat shock 7 kDa protein 1 2; HSP7-1 HSP7-2; HSP7.1 HSP7.2; HSPA1A; HSX7
Accession No.	Swiss-Prot#P08107NCBI Gene ID3303
Uniprot	P08107
GeneID	3303;
Excitation Emission	N A
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

In cooperation with other chaperones, Hsp7s 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. In case of rotavirus A infection, serves as a post-attachment receptor for the virus to facilitate entry into the cell.

Note: This product is for in vitro research use only