

## HSPA1A/HSPA1B Antibody (Y41)

Catalog_no :	AB3751
Reactivity :	H, M, Rat
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN
Specificity :	This HSPA1A/HSPA1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human HSPA1A/HSPA1B.
Dilution :	,1:500;,1:500;WB,1:1000;
Other_name :	Heat shock 70 kDa protein 1A/1B, Heat shock 70 kDa protein 1/2, HSP70-1/HSP70-2, HSP70.1/HSP70.2, HSPA1A, HSPA1, HSX70
Isotype :	Rabbit Ig
Background :	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. In case of rotavirus A infection, serves as a post-attachment receptor for the virus to facilitate entry into the cell.
reference :	Milner C.M.,et al.Immunogenetics 32:242-251(1990). Hunt C.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:6455-6459(1985). Xie T.,et al.Genome Res. 13:2621-2636(2003). Shiina S.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat.