



# HSP77/76 rabbit pAb

Cat No.:ES3844

For research use only

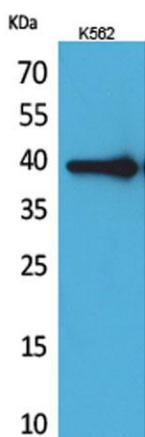
## Overview

Product Name	HSP77/76 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the Internal region of human HSP77/76.
Specificity	HSP77/76 Polyclonal Antibody detects endogenous levels of HSP77/76 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 70 kDa protein 6/Putative heat shock 70 kDa protein 7
Gene Name	HSPA6/HSPA7
Cellular localization	COP9 signalosome,extracellular exosome,blood microparticle,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	3310
Human Swiss-Prot Number	P48741
Alternative Names	HSPA7; HSP70B; Putative heat shock 70 kDa protein 7; Heat shock 70 kDa protein B; HSPA6; HSP70B'; Heat shock 70 kDa protein 6; Heat shock 70 kDa protein B'
Background	caution:Could be the product of a pseudogene.,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.,induction:Only at higher temperatures, and no basal expression.,similarity:Belongs to the heat shock protein 70 family.,



Western Blot analysis of K562 cells using HSP77/76 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

