

## Product datasheet for **TA357785**

### Hspa1a Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Pig, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Dog, Goat, Human, Mouse, Rat, Yeast, Zebrafish <b>Homology:</b> Dog: 100%; Goat: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	70kDa
Gene Name:	heat shock protein 1A
Database Link:	<a href="#">NP_034609</a> <a href="#">Entrez Gene 193740 Mouse</a> <a href="#">Q61696</a>
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.

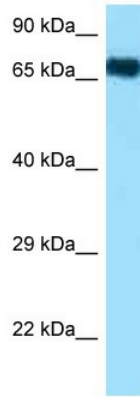


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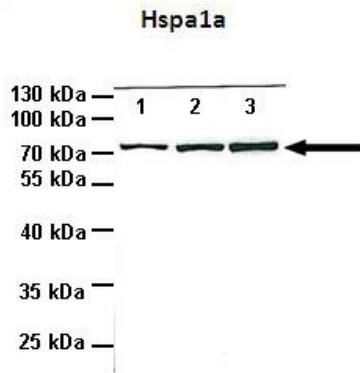
**Synonyms:**

FLJ54303; FLJ54370; FLJ54392; FLJ54408; FLJ75127; HSP70-1; HSP70-1/HSP70-2; HSP70-1A; HSP70.1; HSP70I; HSP72; HSPA1; HSPA1B

**Product images:**

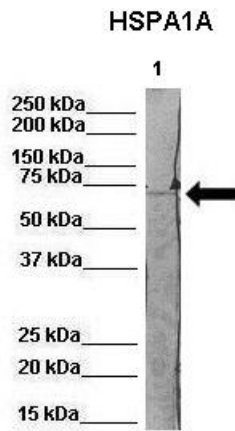


WB Suggested Anti-Hspa1a Antibody  
Titration: 1.0 ug/ml  
Positive Control: Mouse Heart

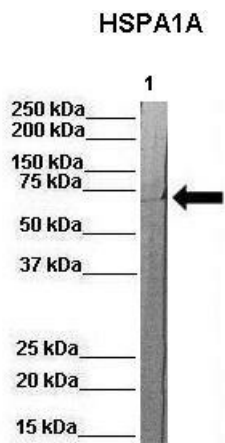


Lanes:  
Lane1: 10ug mouse cortex brain lysate  
Lane2: 25ug mouse cortex brain lysate  
Lane3: 40ug mouse cortex brain lysate  
Primary Antibody Dilution:  
1:1000  
Secondary Antibody:  
Anti-rabbit HRP  
Secondary Antibody Dilution:  
1:2000  
Gene Name:  
Hspa1a  
Submitted by:  
Anonymous

See Immunoblot 2 Data and Customer Feedback for more Information



WB Suggested Anti-Hspa1a Antibody  
 Positive Control: Lane 1: 80ug pig serum  
 Primary Antibody Dilution : 1:1000  
 Secondary Antibody : Anti-rabbit-HRP  
 Secondary Antibody Dilution : 1:1000  
 Submitted by: Martina Ondrovics, University of  
 Veterinary Medicine Vienna



WB Suggested Anti-Hspa1a Antibody  
 Positive Control: Lane 1: 80ug pig serum  
 Primary Antibody Dilution : 1:1000  
 Secondary Antibody : Anti-rabbit-HRP  
 Secondary Antibody Dilution : 1:1000  
 Submitted by: Martina Ondrovics, University of  
 Veterinary Medicine Vienna