

## Product datasheet for **TA362290**

### HSPA14 Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the C terminal region of human HSPA14   |
| Specificity:            | <b>Expected reactivity:</b> Human   |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><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: | 55 kDa  |
| Gene Name:              | heat shock protein family A (Hsp70) member 14   |
| Database Link:          | <a href="#">NP_057383.2</a><br><a href="#">Entrez Gene 51182 Human</a><br><a href="#">Q0VDF9</a>  |



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**Background:**

Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity. Acts as a potent immunoadjuvant, capable to interact with antigen-presenting cells and generating efficient CD8+ T-cell responses. May be used as adjuvant to enhance effect of vaccine G1F/M2, a candidate vaccine against respiratory syncytial virus (RSV), a major respiratory pathogen in newborns. May also be used as adjuvant to prepare antigenic fusion protein for the therapeutics of cancers.

**Synonyms:**

HSP60; HSP70-4; HSP70L1; MGC131990

**Protein Families:**

Druggable Genome, Stem cell - Pluripotency

**Product images:**

Host: Rabbit  
Target Name: HSPA14  
Sample Type: Jurkat Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: HSPA14  
Sample Tissue: Human Jurkat Whole Cell lysates  
Antibody Dilution: 1 ug/ml