



Anti-HSPA1L (aa 561-641) polyclonal antibody (DPAB-DC1624)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | This gene encodes a 70kDa heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70kDa heat shock protein. |
| Immunogen | HSPA1L (NP_005518, 561 a.a. ~ 641 a.a) partial recombinant protein with GST tag. The sequence is KGKISESDKNKILDKCNELLSWLEVNLAEKDEFDHKRKELEQMCNPIITKLYQGGCTGP ACGTGYVPGRPATGPTIEEV |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Cell lysate), WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | HSPA1L heat shock 70kDa protein 1-like [Homo sapiens (human)] |
| Official Symbol | HSPA1L |
| Synonyms | HSPA1L; heat shock 70kDa protein 1-like; HSP70T; hum70t; HSP70-1L; HSP70-HOM; heat shock 70 kDa protein 1-like; heat shock 70 kDa protein 1L; heat shock 70kD protein-like 1; heat shock 10kDa protein 1-like; heat shock 70 kDa protein 1-Hom; |
| Entrez Gene ID | 3305 |
| Protein Refseq | NP_005518 |
| UniProt ID | P34931 |
| Chromosome Location | 6p21.3 |
| Pathway | Antigen processing and presentation; Cellular response to heat stress; Endocytosis; Estrogen signaling pathway |
| Function | ATP binding; unfolded protein binding; |
