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**Product Name: HSPA4 (16T9) Rabbit Monoclonal Antibody****Catalog #: AMRe12267**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IHC,ICC/IF,FC   |
| <b>Reactivity</b>    | Human,Mouse,Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 0.5mg/ml. The concentration of this product may be batch-dependent.  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.  |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Purification</b>  | Affinity purification  |

**Application**

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB 1:1000-1:5000,IHC 1:50-1:100,ICC/IF 1:100-1:200,FC 1:100-1:200 |
| <b>Molecular Weight</b> | 94kDa   |

**Antigen Information**

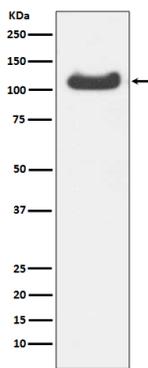
|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | HSPA4   |
| <b>Alternative Names</b> | HSPA4; APG-2; APG2; Heat shock 70kD protein 4; Hsp70RY; HSPH2; Hsp70; HS24/P52; Heat shock 70kDa protein 4; Heat shock protein 110 kDa; |
| <b>Gene ID</b>           | 3308.0  |
| <b>SwissProt ID</b>      | P34932  |
| <b>Immunogen</b>         | A synthetic peptide of human HSPA4  |

**Background**

The heat shock protein HSPA4 (Apg-2, HSP70RY) is a member of the heat-shock protein 110 (Hsp 110) subfamily of Hsp70 heat-shock proteins. Apg-2 has chaperone ability similar to Hsp110, and it plays a role under non-stress conditions. Apg-2 interacts with TJP1/ZO-1 and functions as a regulator of ZO-1-ZONAB signaling in epithelial cells in response to cellular stress.

## Research Area

## Image Data



Western blot analysis of HSPA4 expression in HepG2 cell lysate.