

## Product Datasheet

### HSPA8 Antibody (C-term) (orb1931376)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb1931376   |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | Purified Rabbit Polyclonal Antibody (Pab)  |
| <b>Target</b>               | HSPA8 (HGNC:5241)  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Species/Host</b>         | Rabbit   |
| <b>Isotype</b>              | Rabbit IgG   |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human, Mouse   |
| <b>Predicted Reactivity</b> | Equine, Hamster, Rat   |
| <b>Form/Appearance</b>      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.          |
| <b>Immunogen</b>            | This HSPA8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 539-569 amino acids from the C-terminal region of human HSPA8. Antigen Region: 539-569 aa. |
| <b>UniProt ID</b>           | <b>P11142</b>  |
| <b>MW</b>                   | 70898 Da   |
| <b>Tested applications</b>  | FC, IF, IHC-P, WB  |
| <b>Dilution range</b>       | IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50, FC - 1:10-50   |

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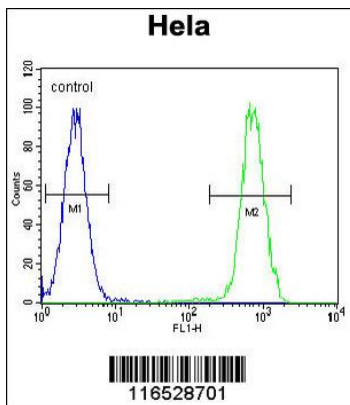
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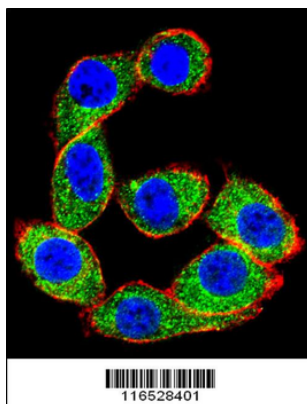
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|                        |  |
|------------------------|--|
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles |
| <b>Note</b>            | For research use only  |
| <b>NCBI</b>            | <b>NP_694881.1, NP_006588.1</b>  |
| <b>Expiration Date</b> | 12 months from date of receipt.  |



HSPA8 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Confocal immunofluorescent analysis of HSPA8 Antibody (C-term) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).

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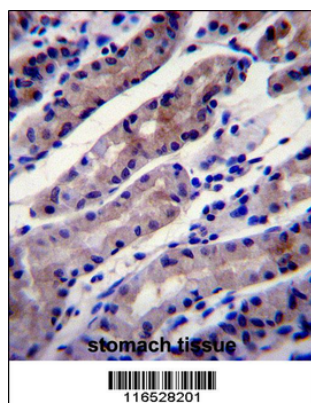
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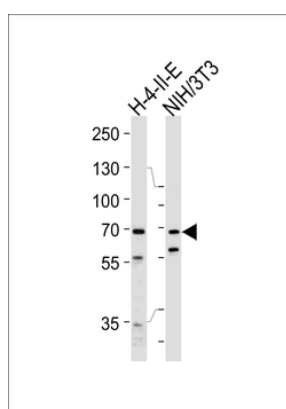
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HSPA8 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HSPA8 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of lysates from rat H-4-II-E, mouse NIH/3T3 cell line (from left to right), using HSPA8 Antibody (C-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 ug per lane.

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