

Hsc70/HSPA8 Antibody

CAB2487

Description

This Hsc70/HSPA8 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB2487

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: LAP1, HSC54, HSC70, HSC71, HSP71, HSP73, LAP-1, NIP71, HEL-33, HSPA10, HEL-S-72p, Hsc70/HSPA8

Clone: -

Applications: **WB** **IHC-P** **IF/ICC** **ELISA**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat, Monkey

Antibody Data

Gene ID: 3312

Uniprot: AB_2764379

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 72kDa

Calculated MW: 71kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

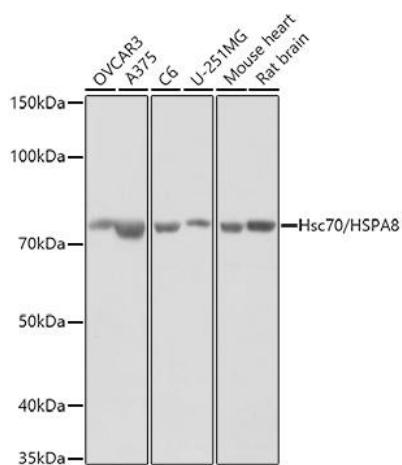
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: OVCAR3, A375, C6, U-251MG, Mouse heart, Rat brain

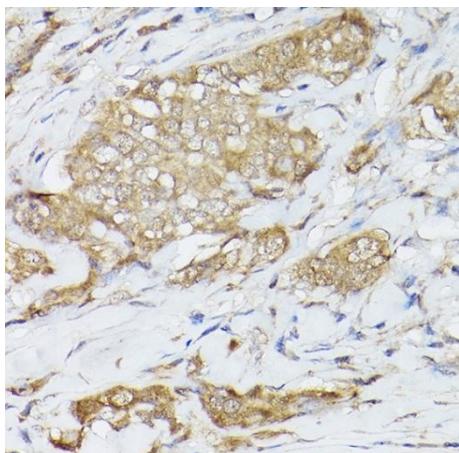
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|-------------------------------|--|-----------|----------------|--------------|--------------|---------------|--------------|--------------|---|
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:500 - 1:1000</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:500 - 1:1000 | IHC-P | 1:50 - 1:200 | IF/ICC | 1:50 - 1:200 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB | 1:500 - 1:1000 | | | | | | | | |
| IHC-P | 1:50 - 1:200 | | | | | | | | |
| IF/ICC | 1:50 - 1:200 | | | | | | | | |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. | | | | | | | | |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

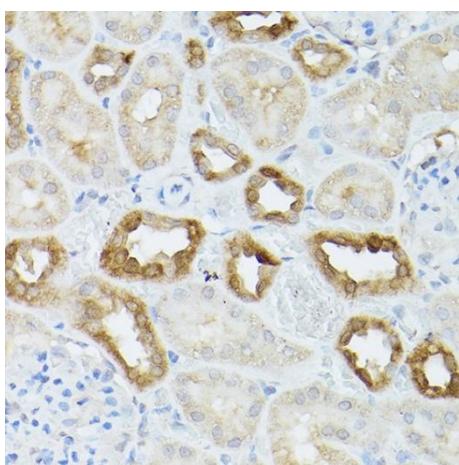
Validation Data



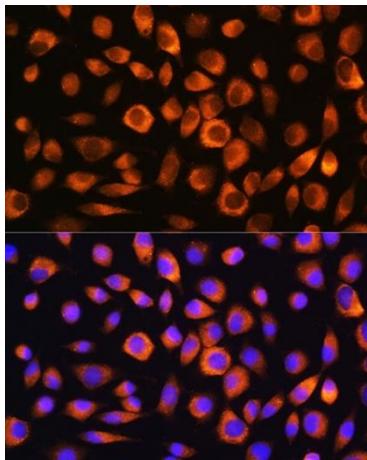
Western blot analysis of various lysates using (CAB2487) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Hsc70/HSPA8 Rabbit pAb (CAB2487) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Hsc70/HSPA8 Rabbit pAb (CAB2487) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of cells using Hsc70/HSPA8 Rabbit pAb (CAB2487) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.