

## DBI Antibody

CAB13293

### Description

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This DBI 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

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**SKU:** CAB13293  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** EP, ACBP, ACBD1, CCK-RP, DBI  
**Clone:** -  
**Applications:** **WB** **IF/ICC** **IP** **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 1622  
**Uniprot:** AB\_2760152  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 12 kDa  
**Calculated MW:** 10-12 kDa

## 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.

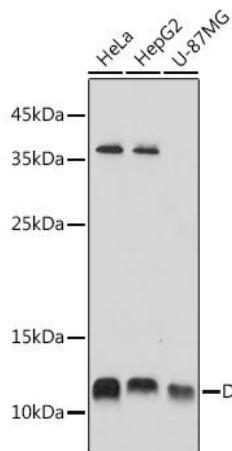
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, HepG2, U-87MG, Rat testis, Rat ovary

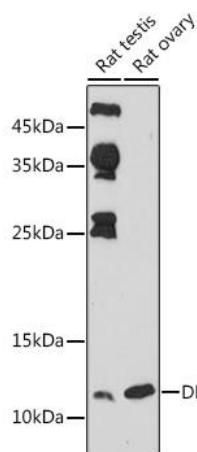
|                               |   |           |                |               |              |           |  |              |   |
|-------------------------------|---|-----------|----------------|---------------|--------------|-----------|--|--------------|---|
| <b>Recommended Dilutions:</b> | <table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:1000</td></tr> <tr> <td><b>IF/ICC</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>IP</b></td><td>0.5µg-4µg antibody for 200µg-400µg extracts of whole cells</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | <b>WB</b> | 1:500 - 1:1000 | <b>IF/ICC</b> | 1:50 - 1:200 | <b>IP</b> | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>WB</b>                     | 1:500 - 1:1000  |           |                |               |              |           |  |              |   |
| <b>IF/ICC</b>                 | 1:50 - 1:200  |           |                |               |              |           |  |              |   |
| <b>IP</b>                     | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells  |           |                |               |              |           |  |              |   |
| <b>ELISA</b>                  | 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

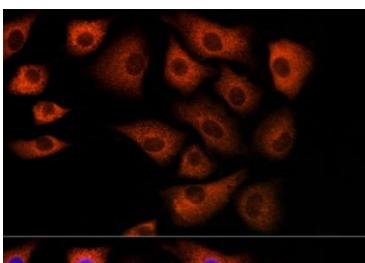
## Validation Data



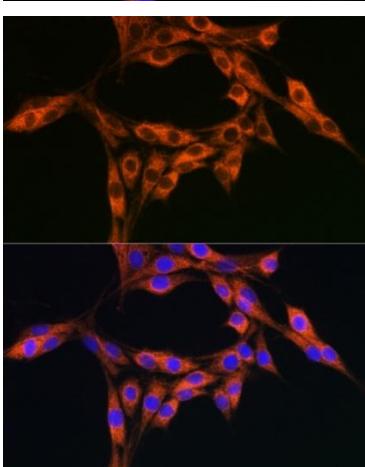
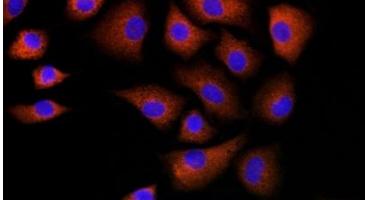
Western blot analysis of various lysates using DBI Rabbit pAb (CAB13293) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



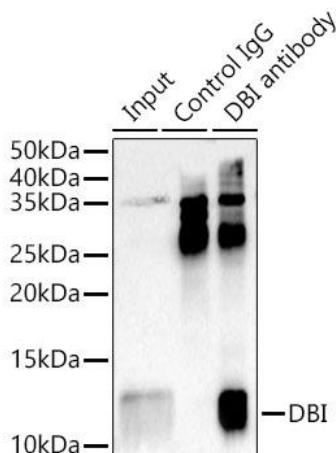
Western blot analysis of various lysates using DBI Rabbit pAb (CAB13293) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



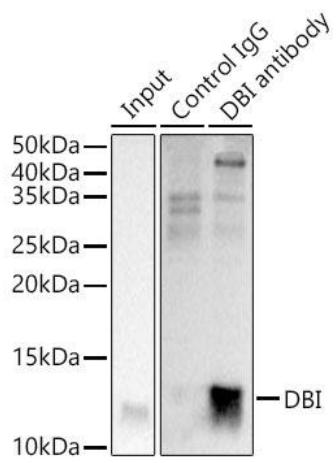
Immunofluorescence analysis of NIH/3T3 cells using DBI Rabbit pAb (CAB13293) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using DBI Rabbit pAb (CAB13293) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg DBI antibody (CAB13293). Western blot was performed from the immunoprecipitate using DBI antibody (CAB13293) at a dilution of 1:1000.



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg DBI antibody (CAB13293). Western blot was performed from the immunoprecipitate using DBI antibody (CAB13293) at a dilution of 1:1000.