

## EEF1D Antibody

CAB2509

### Description

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This EEF1D 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:** CAB2509  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** EF1D, EF-1D, FP1047, EEF1D  
**Clone:** -  
**Applications:** **WB** | **IHC-P** | **IF/ICC** | **IP** | **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 1936  
**Uniprot:** AB\_2764400  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 40kDa/35kDa/40kDa  
**Calculated MW:** 31kDa

## Preparation & Storage

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**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:** MCF7, Mouse testis, jurkat, Jurkat

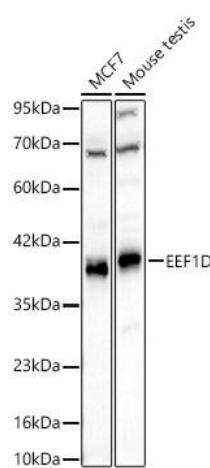
**Recommended Dilutions:**

|               |   |
|---------------|---|
| <b>WB</b>     | 1:500 - 1:2000  |
| <b>IHC-P</b>  | 1:50 - 1:200  |
| <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. |

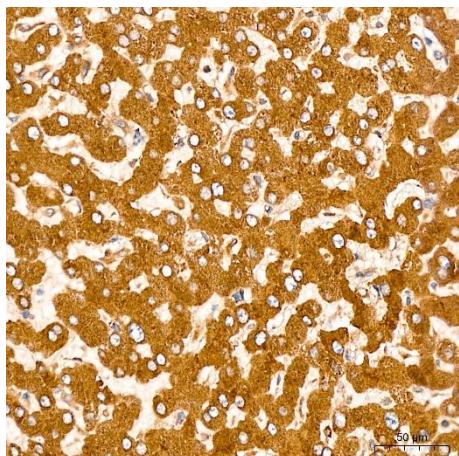
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

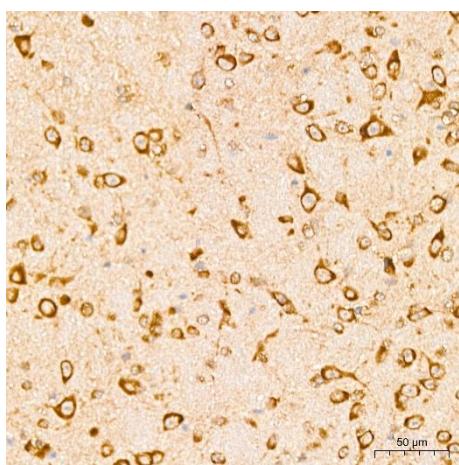
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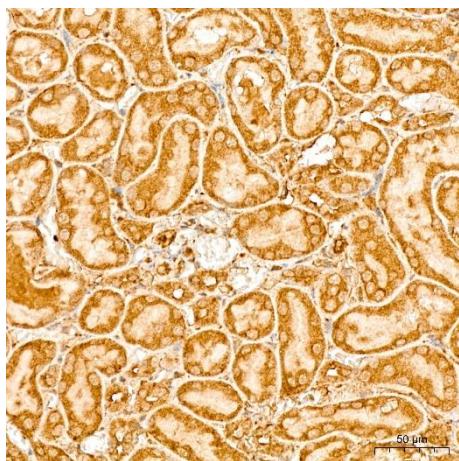
Western blot analysis of various lysates using EEF1D Rabbit pAb (CAB2509) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



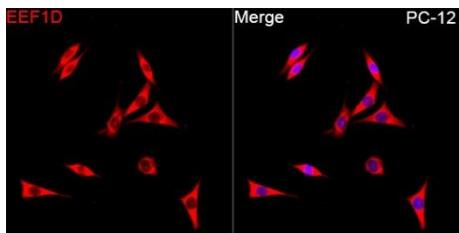
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using EEF1D Rabbit pAb (CAB2509) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



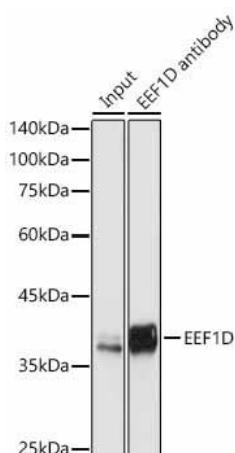
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using EEF1D Rabbit pAb (CAB2509) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using EEF1D Rabbit pAb (CAB2509) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of PC-12 cells using EEF1D Rabbit pAb (CAB2509) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation of EEF1D in 300 µg extracts from jurkat cells using 3 µg EEF1D Rabbit pAb (CAB2509). Western blot analysis was performed using EEF1D Rabbit pAb (CAB2509) at 1:500 dilution.