

## MAPRE1 Antibody

CAB2614

### Description

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This MAPRE1 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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|                      |                                                        |
|----------------------|--------------------------------------------------------|
| <b>SKU:</b>          | CAB2614                                                |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml)        |
| <b>Category:</b>     | Polyclonal Antibody                                    |
| <b>Synonyms:</b>     | EB1, MAPRE1                                            |
| <b>Clone:</b>        | -                                                      |
| <b>Applications:</b> | <span>WB</span> <span>IF/ICC</span> <span>ELISA</span> |
| <b>Conjugation:</b>  | Unconjugated                                           |
| <b>Reactivity:</b>   | Human, Mouse, Rat                                      |

### Antibody Data

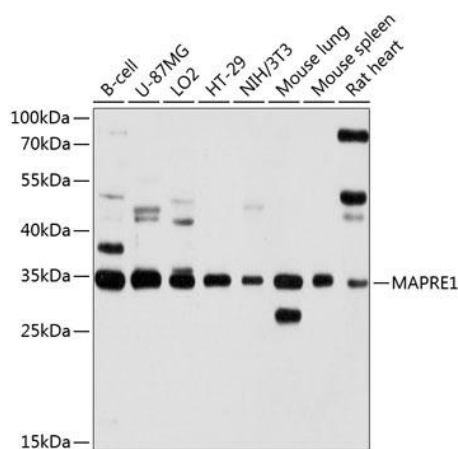
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|                       |                       |
|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 22919                 |
| <b>Uniprot:</b>       | AB_2764493            |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 34kDa                 |
| <b>Calculated MW:</b> | 30kDa                 |

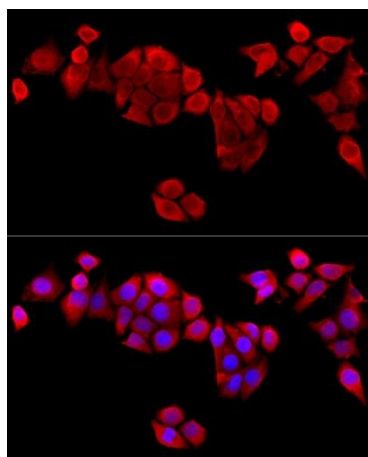
## Preparation & Storage

|                                           |                                                                                                                                                                                                                                                        |                                                                                                                             |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.<br>Store Bradford Reagent at Room Temperature for 1 Year.                                                                                         |                                                                                                                             |
| <b>Positive Sample:</b>                   | B-cell, U-87MG, LO2, HT-29, NIH/3T3, Mouse lung, Mouse spleen, Rat heart                                                                                                                                                                               |                                                                                                                             |
| <b>Recommended Dilutions:</b>             | <b>WB</b>                                                                                                                                                                                                                                              | 1:500 - 1:2000                                                                                                              |
|                                           | <b>IF/ICC</b>                                                                                                                                                                                                                                          | 1:50 - 1:200                                                                                                                |
|                                           | <b>ELISA</b>                                                                                                                                                                                                                                           | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol |                                                                                                                             |

## Validation Data



Western blot analysis of various lysates using MAPRE1 Rabbit pAb (CAB2614) 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: 10s.



Immunofluorescence analysis of HeLa cells using MAPRE1 Rabbit pAb (CAB2614) 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.

