## **MAPRE2 Rabbit Polyclonal Antibody**



## **CAB6649**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

32KDa

Calculated MW:

29kDa/30kDa/32kDa/35kDa/ 37kDa

**Applications:** 

WB IHC IF

Reactivity:

Human, Mouse, Rat

**Protein Background** 

The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. This protein is a microtubule-associated protein that is necessary for spindle symmetry during mitosis. It is thought to play a role in the tumorigenesis of colorectal cancers and the proliferative control of normal cells. Alternative splicing of this gene results in multiple transcript variants.

Immunogen information

Gene ID: 10982

Uniprot Q15555

Synonyms:

Immunogen:

MAPRE2; CSCSC2; EB1; EB2; RP1

**Antibody Information** 

**Recommended dilutions:** 

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Source:

Rabbit

Storage:

Isotype:

IgG

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

Recombinant fusion protein containing a sequence corresponding

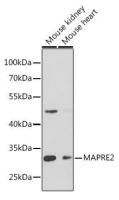
to amino acids 1-327 of human MAPRE2 (NP\_001137298.1).

sodium azide, 50% glycerol, pH7.3.

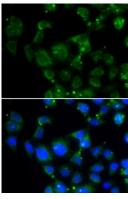
**Purification:** 

Affinity purification

## **Product Images**



Western blot analysis of extracts of various cell lines, using MAPRE2 antibody (CAB6649) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using MAPRE2 antibody (CAB6649). Blue: DAPI for nuclear staining.