

**EPB41 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11984****Specification**

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**EPB41 antibody - middle region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">P11171</a>                                |
| Other Accession   | <a href="#">NM_004437</a> , <a href="#">NP_004428</a> |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine  |
| Predicted         | Human, Rabbit, Pig, Horse                             |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 66kDa KDa                                             |

**EPB41 antibody - middle region - Additional Information****Gene ID** 2035Alias Symbol **4.1R, EL1, HE****Other Names**

Protein 4.1, P4.1, 4.1R, Band 4.1, EPB4.1, EPB41, E41P

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-EPB41 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

EPB41 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**EPB41 antibody - middle region - Protein Information****Name** EPB41 ([HGNC:3377](#))**Synonyms** E41P**Function**

Protein 4.1 is a major structural element of the erythrocyte membrane skeleton. It plays a key role in regulating membrane physical properties of mechanical stability and deformability by stabilizing spectrin-actin interaction. Recruits DLG1 to membranes. Required for dynein-dynactin complex and NUMA1 recruitment at the mitotic cell cortex during anaphase (PubMed:<a href="http://www.uniprot.org/citations/23870127" target="\_blank">23870127</a>).

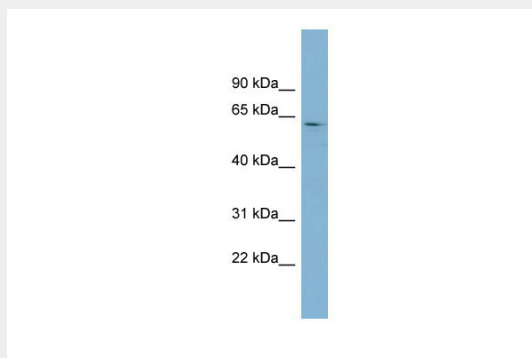
**Cellular Location**

Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Nucleus

**EPB41 antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**EPB41 antibody - middle region - Images**

WB Suggested Anti-EPB41 Antibody Titration: 0.2-1  $\mu$ g/ml

ELISA Titer: 1:62500

Positive Control: Human Thymus