

EPB41 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12146**Specification**

EPB41 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P11171
Other Accession	NM_203343 , NP_976218
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Rabbit, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 86kDa KDa

EPB41 antibody - N-terminal region - Additional Information**Gene ID 2035**

Alias 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 - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

EPB41 antibody - N-terminal 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:23870127).

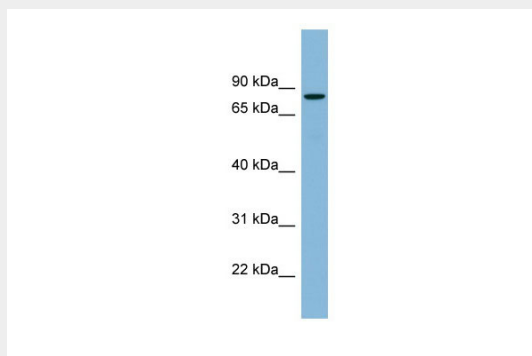
Cellular Location

Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Nucleus

EPB41 antibody - N-terminal 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 - N-terminal region - Images

WB Suggested Anti-EPB41 Antibody Titration: 0.2-1 µg/ml

Positive Control: Human Spleen

EPB41 antibody - N-terminal region - References

Krauss, S.W., (2008) Mol. Cell. Biol. 28(7), 2283-2294. Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.