

4.1R (phospho Tyr660) Polyclonal Antibody

Catalog # AP67400

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, IHC-P, IF, ICC, E |
| Primary Accession | P11171 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 97017 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 2035 |
| Other Names | EPB41; E41P; Protein 4.1; P4.1; 4.1R; Band 4.1; EPB4.1 |
| Dilution | WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

Protein Information

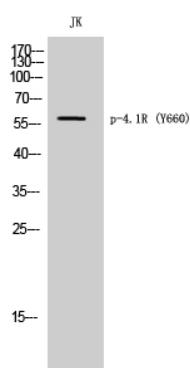
| | |
|--------------------------|--|
| Name | EPB41 (HGNC:3377) |
| Synonyms | E41P |
| Function | Protein 4.1 is a major structural element of the erythrocyte membrane skeleton. It plays a key role in regulating membrane physical properties of mechanical stability and deformability by stabilizing spectrin-actin 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 |

Background

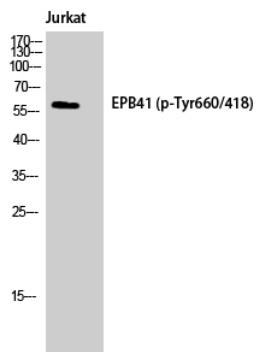
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recruitment at the mitotic cell cortex during anaphase (PubMed:[23870127](https://pubmed.ncbi.nlm.nih.gov/23870127/)).

Images



Western Blot analysis of JK cells using Phospho-4.1R (Y660) Polyclonal Antibody



Western Blot analysis of Jurkat cells using Phospho-4.1R (Y660) Polyclonal Antibody

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