

4.1R (phospho Tyr660) Polyclonal Antibody

Catalog # AP67400

Product Information

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

Additional Information

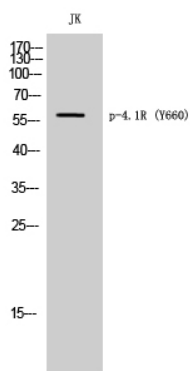
Gene ID	2035
Other Names	EPB41; E41P; Protein 4.1; P4.1; 4.1R; Band 4.1; EPB4.1
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium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

Protein Information

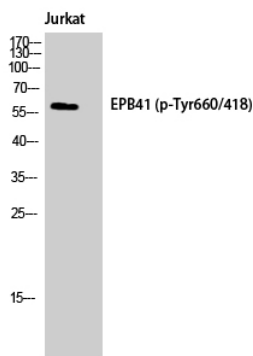
Name	EPB41 (HGNC:3377)
Synonyms	E41P
Function	Protein 4.1 is a major structural element of the erythrocyte membrane skeleton. It plays a key role in regulating membrane physical properties of mechanical stability and deformability by stabilizing spectrin-actin interaction. Recruits DLG1 to membranes. 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

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](#)).



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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