10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

4.1R (phospho Tyr660) Polyclonal Antibody
Catalog # AP67400

Specification

4.1R (phospho Tyr660) Polyclonal Antibody - Product Information

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

4.1R (phospho Tyr660) Polyclonal Antibody - 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℃

4.1R (phospho Tyr660) Polyclonal Antibody - 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

4.1R (phospho Tyr660) Polyclonal Antibody - Protocols

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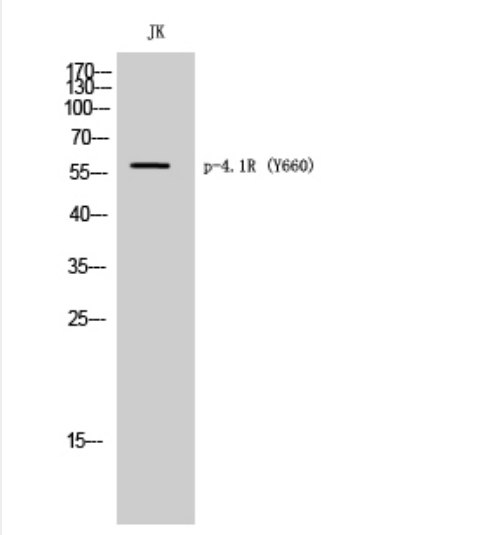
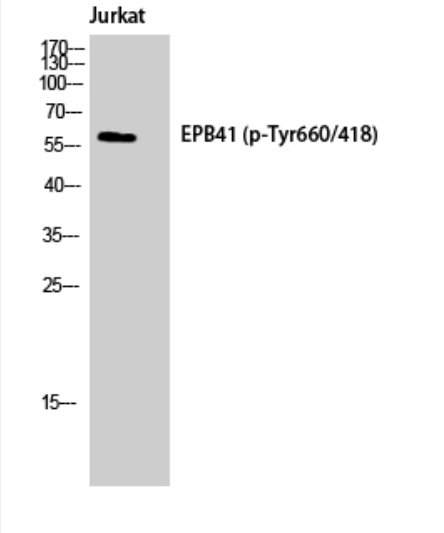
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

4.1R (phospho Tyr660) Polyclonal Antibody - Images





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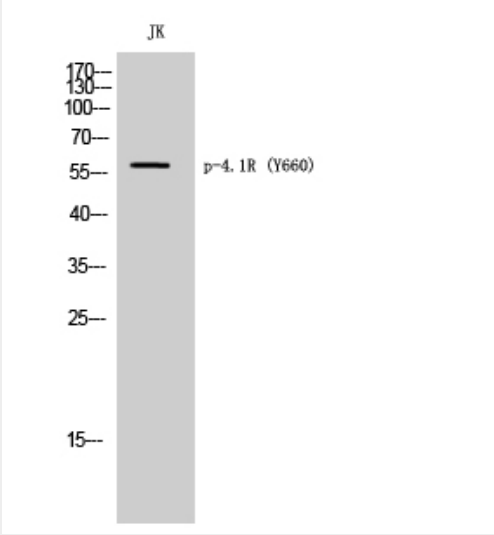

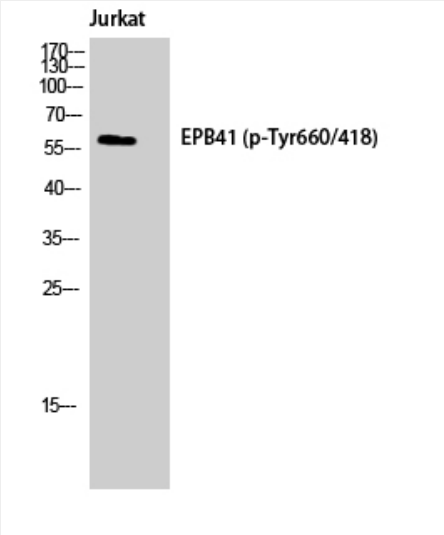

4.1R (phospho Tyr660) Polyclonal Antibody - Background

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).