

bs-13084R**[Primary Antibody]****phospho-Ephexin-1 (Tyr179) Rabbit pAb****BioSS**
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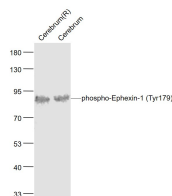
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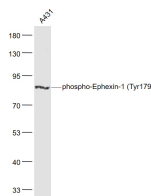
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 25791 Target: phospho-Ephexin-1 (Tyr179) Immunogen: KLH conjugated synthesised phosphopeptide derived from human Ephexin-1 around the phosphorylation site of Tyr179: LL(p-Y)QE. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: EPHEXIN is a 710 amino acid protein that localizes to both the membrane and the cytoplasm and contains one SH3 domain, one PH domain and one DH domain. Expressed at high levels in brain and present at lower levels in lung tissue, EPHEXIN interacts with EphA4 and functions as a guanine nucleotide exchange factor (GEF) that is capable of activating Rho A, Rac 1 and Cdc42 and is thought to play a role in axon guidance and growth cone collapse. EPHEXIN is subject to Src-dependent phosphorylation, an event that increases the GEF activity of EPHEXIN toward Rho A. Human EPHEXIN, which exists as multiple alternatively spliced isoforms, shares a high degree of sequence homology with its mouse counterpart, suggesting a conserved role between species.	Isotype: IgG SWISS: Q8N5V2 Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Chicken) Predicted MW.: 82 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Cerebrum (Rat) Lysate at 40 ug
Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-phospho-Ephexin-1 (Tyr179) (bs-13084R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 82 kD Observed band size: 82 kD



Sample: A431 (Human) Cell Lysate at 30 ug
Primary: Anti-phospho-Ephexin-1 (Tyr179) (bs-13084R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 82 kD Observed band size: 82 kD