

bs-3160R**[Primary Antibody]****BioSS**
ANTIBODIES

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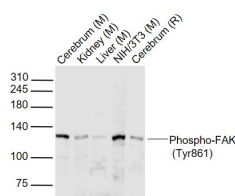
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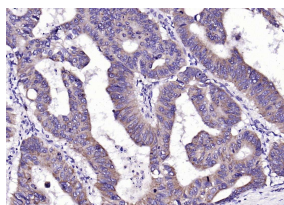
400-901-9800

Phospho-FAK (Tyr861) Rabbit pAb**— DATASHEET —**

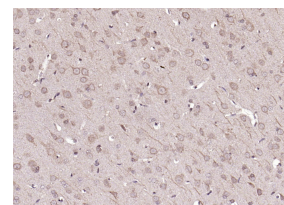
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5747	SWISS: Q05397	IHC-F (1:100-500)
Target: Phospho-FAK (Tyr861)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human FAK around the phosphorylation site of Tyr861: HI(p-Y)Q.		Reactivity: Human, Mouse, Rat (predicted: Cow, Chicken, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 116 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
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: Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Plays a potential role in oncogenic transformations resulting in increased kinase activity. [SUBCELLULAR LOCATION] Cell junction, focal adhesion. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Constituent of focal adhesions.		

— VALIDATION IMAGES —

Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug
Lane 2: Kidney (Mouse) Lysate at 40 ug
Lane 3: Liver (Mouse) Lysate at 40 ug
Lane 4: NIH/3T3 (Mouse) Cell Lysate at 30 ug
Lane 5: Cerebrum (Rat) Lysate at 40 ug
Primary: Anti-Phospho-FAK (Tyr861) (bs-3160R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 125 kD
Observed band size: 125 kD



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-FAK (Tyr861)) Polyclonal Antibody, Unconjugated (bs-3160R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-FAK (Tyr861)) Polyclonal Antibody, Unconjugated (bs-3160R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.