

bs-19902R**[Primary Antibody]****ACTR1B Rabbit pAb****BioSS**
ANTIBODIES

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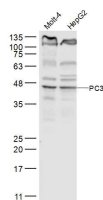
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog, Horse)
GeneID: 10120	SWISS: P42025	Predicted MW.: 42 kDa
Target: ACTR1B		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human ARP1B: 301-376/376.		
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: This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq, Aug 2008]		

— VALIDATION IMAGES —

Sample: Molt-4(Human) Cell Lysate at 30 ug
HepG2(Human) Cell Lysate at 30 ug Primary:
Anti-PC3 (bs-19902R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 42 kD
Observed band size: 42 kD