

bs-7836R**[Primary Antibody]****BioSS**
ANTIBODIES

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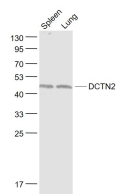
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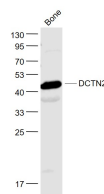
400-901-9800

DCTN2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog, Horse)
GeneID: 10540	SWISS: Q13561	Predicted MW.: 44 kDa
Target: DCTN2		Subcellular Location: Cell membrane ,Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human Dynamitin/DCTN2: 65-150/401.		
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: Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development.		

— VALIDATION IMAGES —

Sample: Spleen (Mouse) Lysate at 40 ug Lung (Mouse) Lysate at 40 ug Primary: Anti- DCTN2 (bs-7836R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kD Observed band size: 44 kD



Sample: Bone (Mouse) Lysate at 40 ug Primary: Anti- DCTN2 (bs-7836R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kD Observed band size: 44 kD

— SELECTED CITATIONS —

- **[IF=4.3]** Shuning Xu. et al. Pan-cancer analysis of DCTN2 and its tumour-promoting role in HCC by modulating the AKT pathway. J CELL MOL MED. 2024 Jun;28(11):e18450 WB ;Human. 38842133