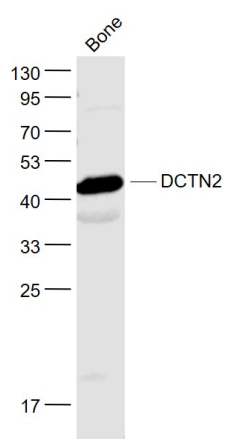
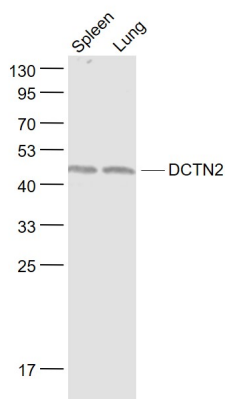

DCTN2 Rabbit pAb

Catalog Number: bs-7836R
Target Protein: DCTN2
Concentration: 1mg/ml
Form: Liquid
Host: Rabbit
Clonality: Polyclonal
Isotype: IgG
Applications: **WB** (1:500-2000)
Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog, Horse)
Predicted MW: 44 kDa
Subcellular: Cell membrane ,Cytoplasm
Locations:
Entrez Gene: 10540
Swiss Prot: Q13561
Source: KLH conjugated synthetic peptide derived from human Dynamin/DCTN2: 65-150/401.
Purification: affinity purified by Protein A
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: 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



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

PRODUCT SPECIFIC PUBLICATIONS

[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