bs-11892R **[Primary Antibody]**

NAV2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 89797 **SWISS:** Q8IVL1

Target: NAV2

Immunogen: KLH conjugated synthetic peptide derived from human NAV2/RAINB1: 21-120/2488.

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 member of the neuron navigator gene family, which may play a role in cellular growth and migration. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

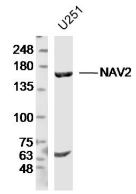
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rabbit, Cow, Dog, Horse)

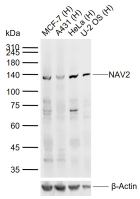
Predicted MW.: 268 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Sample: U251 Cell (Human) Lysate at 30 ug Primary: Anti- NAV2 (bs-11892R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 268kD Observed band size: 160kD



Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human A431 cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human U-2 OS cell lysates Primary: Anti-NAV2 (bs-11892R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 268 kDa Observed band size: 135 kDa

SELECTED CITATIONS

- **[IF=5.9]** Qianyu Guo. et al. Study on the molecular mechanism of matrine in improving rheumatoid arthritis by targeting the NAV2-Wnt3a/β-catenin axis to coordinately regulate the inflammatory-osteolytic loop. FRONT IMMUNOL. 2025 Aug;16: WB ;Rat. 40936889