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## EFHD2 Rabbit pAb

Catalog Number: bs-14520R

Target Protein: EFHD2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted:Human, Rat, Pig, Sheep, Cow)

Predicted MW: 27 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 79180

Swiss Prot: Q96C19

Source: KLH conjugated synthetic peptide derived from human EFHD2: 51-150/240.

Purification: affinity purified by Protein A

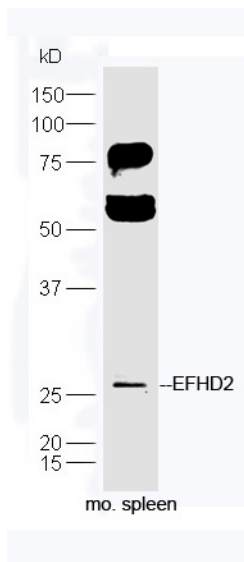
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** EFHD2 is a 240 amino acid protein that regulates spontaneous apoptosis through the regulation of Bcl-xS abundance. Localized to membrane raft, Swiprosin-1 is expressed in lymphocytes and contains two EF-hand domains. The gene encoding Swiprosin-1 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

### VALIDATION IMAGES

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Protein:spleen(mouse) lysate at 40ug; Primary: rabbit Anti-EFHD2 (bs-14520R) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 27 kD Observed band size: 27 kD