SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-EFHD2 antibody

Catalog Number: SL14520R

FOR RESEARCH USE ONLY

[DATASHEET]

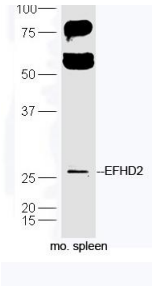
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	EFHD2
Immunogen:	KLH conjugated synthetic peptide derived from human EFHD2: 51-150/240
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Pig,Cow,Sheep)
Predicted MW.:	27kDa
Subcellular Location:	The cell membrane
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. **Function:** May regulate B-cell receptor (BCR)-induced immature and primary B-cell apoptosis (By similarity). Plays a role as negative regulator of the canonical NF-kappa-B-activating branch (By similarity). Controls spontaneous apoptosis through the regulation of BCL2L1 abundance.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Membrane raft. In immature B-cell line WEHI231. **Tissue Specificity:** Found in lymphocytes; preferentially expressed in CD8+ cells. **Similarity:** Contains 2 EF-hand domains. **Database links:** **Entrez Gene:** 79180 Human **Entrez Gene:** 27984 Mouse **Entrez Gene:** 298609 Rat **SwissProt:** Q96C19 Human **SwissProt:** Q9D8Y0 Mouse **SwissProt:** Q4FZY0 Rat **Unigene:** 465374 Human **Unigene:** 395598 Mouse **Unigene:** 92713 Rat

[VALIDATION IMAGES]



Protein:spleen(mouse) lysate at 40ug;
Primary: rabbit Anti-EFHD2 (SL14520R) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL0295G-HRP) at 1: 5000;
Predicted band size: 27 kD
Observed band size: 27 kD

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