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EFHD2 Rabbit pAb

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Catalog # AP55607

Product Information

Application	WB
Primary Accession	Q96C19
Reactivity	Mouse
Predicted	Rat, Pig, Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26697
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EFHD2
Epitope Specificity	51-150/240
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane raft. In immature B-cell line WEHI231.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	79180
Other Names	EF-hand domain-containing protein D2, Swiprosin-1, EFHD2, SWS1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

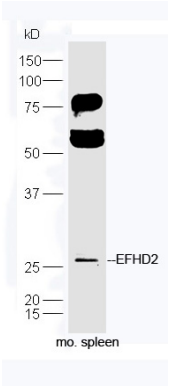
Protein Information

Name	EFHD2
Synonyms	SWS1
Function	May regulate B-cell receptor (BCR)-induced immature and primary B-cell apoptosis. Plays a role as negative regulator of the canonical NF-kappa-B-activating branch. Controls spontaneous apoptosis through the regulation of BCL2L1 abundance.
Cellular Location	Membrane raft. Note=In a mouse immature B-cell line WEHI-231.
Tissue Location	Found in lymphocytes; preferentially expressed in CD8+ cells.

Background

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Images



Protein:spleen(mouse) lysate at 40ug;
Primary: rabbit Anti-EFHD2 (AP55607) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(AP55607-HRP) at 1: 5000;
Predicted band size: 27 kD
Observed band size: 27 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.