

EFHD2 Polyclonal Antibody

Catalog NumberPA5-20919

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A 16 amino acid peptide near the amino terminus of human EFHD2.	Immunohistochemistry (IHC)	5 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	1-2 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is mouse brain tissue lysate. PA5-20919 can be used with blocking peptide PEP-1033.

Background/Target Information

EFHD2, also known as Swiprosin-1 or SWS1, is an EF-hand and coiled-coil-containing adaptor protein that plays a role in lymphocyte physiology. EFHD2 exhibits the highest expression in CD8+ T cells and immature B cells. It provides a membrane scaffold that is required for the Syk-, SLP-65-, and PLC-gamma2-dependent B-cell receptor (BCR)-induced calcium flux. EFHD2 may also regulate BCR-induced immature and primary B-cell apoptosis. It controls spontaneous apoptosis through the regulation of BCL2L1 abundance. Also, EFHD2 plays a role as negative regulator of the canonical NF-kappa-B-activating branch.

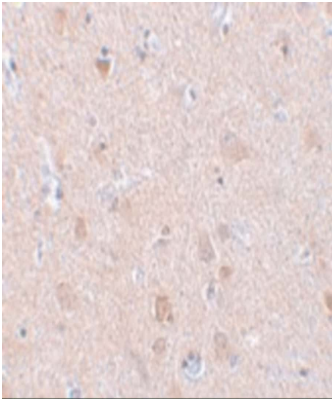
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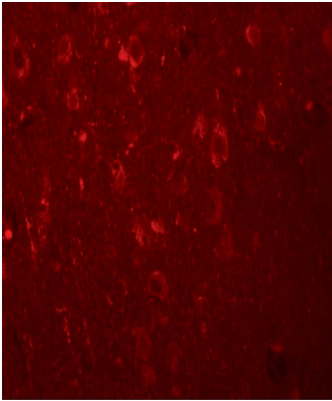
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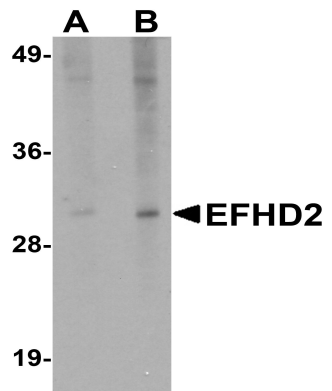
Product Images For EFHD2 Polyclonal Antibody



**EFHD2 Antibody (PA5-20919) in IHC**  
Immunohistochemistry of EFHD2 in human brain tissue with EFHD2 Polyclonal Antibody (Product # PA5-20919) at 5 µg/mL.



**EFHD2 Antibody (PA5-20919) in IHC**  
Immunofluorescence of EFHD2 in human brain tissue with EFHD2 Polyclonal Antibody (Product # PA5-20919) at 20 µg/mL.



**EFHD2 Antibody (PA5-20919) in WB**  
Western Blot analysis of EFHD2 in mouse brain tissue lysate with EFHD2 Polyclonal Antibody (Product # PA5-20919) at (A) 1 and (B) 2 µg/mL.

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