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Product datasheet for TA306945

EFHD2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	EFHD2 antibody was raised against a 16 amino acid peptide near the amino terminus of human EFHD2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	EF-hand domain family member D2
Database Link:	NP_077305 Entrez Gene 27984 MouseEntrez Gene 298609 RatEntrez Gene 79180 Human Q96C19
Background:	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 PLCgamma2-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.
Synonyms:	SWS1

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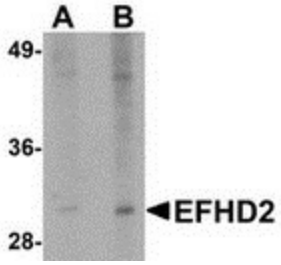
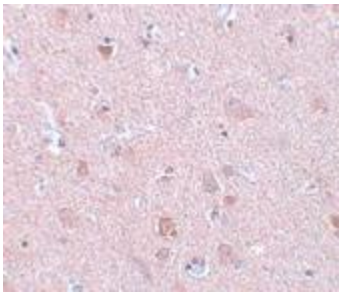
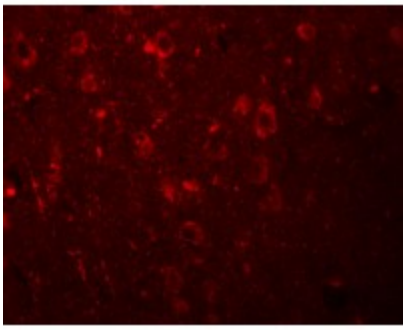
Product images:



Western blot analysis of EFHD2 in mouse brain tissue lysate with EFHD2 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of EFHD2 in human brain tissue with EFHD2 antibody at 5 ug/mL.



Immunofluorescence of EFHD2 in human brain tissue with EFHD2 antibody at 20 ug/mL.