

Product datasheet for **TA306450**

FYB1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ADAP antibody was raised against a 20 amino acid peptide from near the carboxy terminus of human ADAP.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
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:	FYN binding protein
Database Link:	NP_001456 Entrez Gene 23880 Mouse Entrez Gene 2533 Human Q15117

Background: The adhesion and degranulation adaptor protein (ADAP) was initially identified as a molecular adapter that couples T cell receptor (TCR) stimulation to the avidity of integrins governing T cell adhesion. TCR stimulation promotes the formation of a multi-protein complex containing CARMA1, MALT1, and BCL-10, which through the association of ADAP, ultimately activates the NF-kappaB family of transcription factors. More recent experiments have shown that ADAP controls optimal T cell proliferation, cytokine production, and expression of the Bcl-2 family member Bcl-x(L), suggesting that ADAP regulates T cell activation by promoting antigen-dependent T cell-antigen presenting cell (APC) activation. At least three isoforms of ADAP are known to exist.

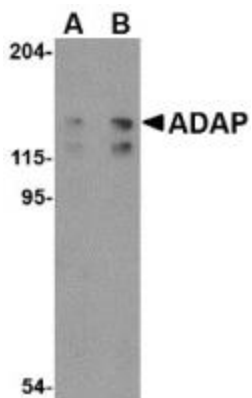


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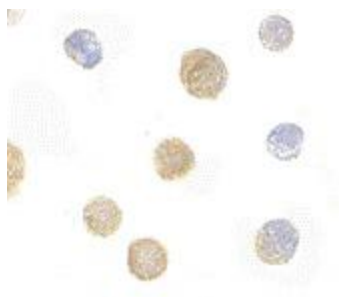
Synonyms: ADAP; PRO0823; SLAP-130; SLAP130

Protein Families: Druggable Genome

Product images:



Western blot analysis of ADAP in K562 cell lysate with ADAP antibody at (A) 0.5 and (B) 1 ug/mL.



Immunocytochemistry of ADAP in K562 cells with ADAP antibody at 10 ug/mL.