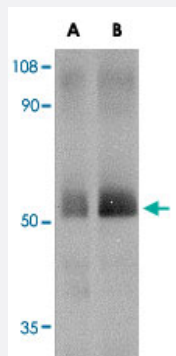


SPRED2 polyclonal antibody

Catalog # PAB16560 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of SPRED2 in human small intestine tissue lysate with SPRED2 polyclonal antibody (Cat # PAB16560) at (A) 1 and (B) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SPRED2.
Immunogen	A synthetic peptide corresponding to internal region 13 amino acids of human SPRED2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of SPRED2 in human small intestine tissue lysate with SPRED2 polyclonal antibody (Cat # PAB16560) at (A) 1 and (B) 2 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SPRED2

Entrez GeneID	200734
Protein Accession#	NP_861449
Gene Name	SPRED2
Gene Alias	FLJ21897, FLJ31917, MGC163164, Spred-2
Gene Description	sprouty-related, EVH1 domain containing 2
Omim ID	609292
Gene Ontology	Hyperlink
Gene Summary	SPRED2 is a member of the Sprouty (see SPRY1; MIM 602465)/SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade (see MAPK1; MIM 176948) (Nonami et al., 2004 [PubMed 15465815]).[supplied by OMIM]
Other Designations	sprouty protein with EVH-1 domain 2, related sequence sprouty-related protein with EVH-1 domain 2

Publication Reference

- [Spred is a Sprouty-related suppressor of Ras signalling.](#)

Wakioka T, Sasaki A, Kato R, Shouda T, Matsumoto A, Miyoshi K, Tsuneoka M, Komiya S, Baron R, Yoshimura A.
Nature 2001 Aug; 412(6847):647.

Application: Func, IF, IP, WB, Mouse, Rat, C2C12, PC-12 cells

- [Inhibition of angiogenesis by a mouse sprouty protein.](#)

Lee SH, Schloss DJ, Jarvis L, Krasnow MA, Swain JL.

The Journal of Biological Chemistry 2001 Feb; 276(6):4128.

- [Sprouty, an intracellular inhibitor of Ras signaling.](#)

Casci T, Vinos J, Freeman M.

Cell 1999 Mar; 96(5):655.

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Narcolepsy](#)
- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)