

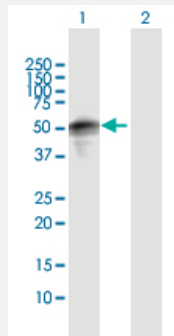
MaxPab®

SPRED1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00161742-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SPRED1 expression in transfected 293T cell line ([H00161742-T02](#)) by SPRED1 MaxPab polyclonal antibody.

Lane 1: SPRED1 transfected lysate(50.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SPRED1 protein.
Immunogen	SPRED1 (NP_689807.1, 1 a.a. ~ 444 a.a) full-length human protein.
Sequence	MSEETATSDNDNSYARVRAVVMTRDDSSGGWLPLGGSGLSSTVFKVPHQEENGCAFFIRGE RLRDKMVLVLECMKKDLINVTPTFHHWKIDDKKFLTFQSPADARAFDRGIRRAIEDISQGCPE SKNEAEGADDLQANEEDSSSLVKDHLFQQETVVTSEPYRSSNIRPSPFEDLNARRVYMQSQAN QITFGQPGLDIQSRSMYVQRQISKECGSLKSQNRVPLKSIHVVSFQDEDEIVRINPRDILIRRYADY RHPDMWKNDLERDDADSSIQFSKPDSKKSDYLYSCGDETKLSSPKDSVVFKTQPSSLKIKKSKR RKEDGERSRCVYCQERFNHEENVRGKCQDAPDPIKRCYQVSCMLCAESMLYHCMSDSEGDFFS DPCSCDTSDDKFCLRWLALVALSFVPCMCYVPLRMCHRCGEACGCCGGKHKAAG
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — SPRED1

Entrez GeneID [161742](#)

GeneBank Accession# [NM_152594](#)

Protein Accession# [NP_689807.1](#)

Gene Name SPRED1

Gene Alias FLJ33903, NFLS

Gene Description sprouty-related, EVH1 domain containing 1

Omim ID [609291 611431](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. The encoded protein can act as a homodimer or as a heterodimer with SPRED2 to regulate activation of the MAP kinase cascade. Defects in this gene are a cause of neurofibromatosis type 1-like syndrome (NFLS). [provided by RefSeq]

Other Designations EVH1/Sprouty domain containing protein|sprouty-related protein 1 with EVH-1 domain|suppressor of Ras/MAPK activation

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Cafe-au-Lait Spots](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)
- [Syndrome](#)