

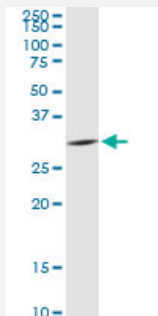
MaxPab®

SPRY2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010253-D01P

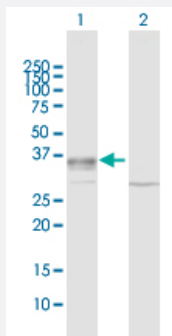
Size 100 ug

Applications



Western Blot (Cell lysate)

SPRY2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SPRY2 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of SPRY2 expression in transfected 293T cell line ([H00010253-T02](#)) by SPRY2 MaxPab polyclonal antibody.

Lane 1: SPRY2 transfected lysate(34.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SPRY2 protein.

Immunogen

SPRY2 (NP_005833.1, 1 a.a. ~ 315 a.a) full-length human protein.

Sequence

MEARAQSGNGSQPLLQTPRDGGRQRGEPDPRDALTTQQVHVLSDQIRAIRNTNEYTEGPTVVPR
PGLKPAPRPSTQHKHERLHGLPEHRQPPRLQHSQVHSSARAPLSRSISTVSSGSRSTRTSTSS
SSSEQRLLGSSFSSGPVADGIIIRVQPKSELKPGEKPLSKEDLGLHAYRCEDCGKCKCKECTYP
RPLPSDWICDKQCLCSAQNVIDYGTCVCCVKGLFYHCSNDDNDCADNPCSCSQSHCCTRWS
AMGVMSLFLPCLWCYLPKAGCLKLCQGCYDRVNRPGCRCKNSNTVCCKVPTVPPRNFEKPT

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (95)
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.

Applications

- Western Blot (Cell lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — SPRY2

Entrez GeneID	10253
GeneBank Accession#	NM_005842
Protein Accession#	NP_005833.1
Gene Name	SPRY2
Gene Alias	MGC23039, hSPRY2
Gene Description	sprouty homolog 2 (Drosophila)
Omim ID	602466
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein belonging to the sprouty family. The encoded protein contains a carboxyl-terminal cysteine-rich domain essential for the inhibitory activity on receptor tyrosine kinase signaling proteins and is required for growth factor stimulated translocation of the protein to membrane ruffles. In primary dermal endothelial cells this gene is transiently upregulated in response to fibroblast growth factor two. This protein is indirectly involved in the non-cell autonomous inhibitory effect on fibroblast growth factor two signaling. The protein interacts with Cas-Br-M (murine) ectopic retroviral transforming sequence, and can function as a bimodal regulator of epidermal growth factor receptor/mitogen-activated protein kinase signaling. This protein may play a role in alveoli branching during lung development as shown by a similar mouse protein. [provided by RefSeq]

Other Designations

OTTHUMP00000018543|OTTHUMP00000018544|sprouty 2

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Intestinal Diseases](#)
- [Kidney Failure](#)
- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)
- [Syndrome](#)