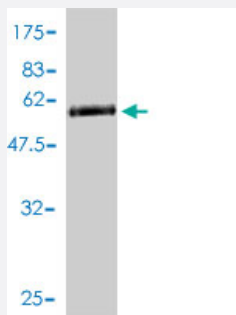


SPRY2 polyclonal antibody (A01)

Catalog # H00010253-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (60.76 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant SPRY2.
Immunogen	SPRY2 (AAH15745.1, 1 a.a. ~ 315 a.a) full-length recombinant protein with GST tag.
Sequence	MEARAQSGNGSQPLLQTPRDGGRQRGEPDPRDALTTQQVHVLSDQIRAIRNTNEYTEGPTVVPR PGLKPAPRPSTQHKHERLHGLPEHRQPRLQHSQVHSSARAPLSRSISTVSSGSRSSSTRSTSS SSSEQRLLGSSFSSGPVADGIIRVQPKSELKPGELKPLSKEDLGLHAYRCEDCGKCKCKECTYP RPLPSDWICDKQCLCSAQNVIDYGTCVCCVKGLFYHCSNDDDEDNCADNPCSCSQSHCCTRWS AMGVMSLFLPCLWCYLPAKGCLKLCQGCYDRVNRPGCRCKNSNTVCKVPTVPPRNFEKPT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (95)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.76 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SPRY2

Entrez GeneID [10253](#)

GeneBank Accession# [BC015745](#)

Protein Accession# [AAH15745.1](#)

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](#)