

Rabbit anti-Human SPRY4-Y75 Polyclonal Antibody | anti-SPRY4 antibody

SPRY4-Y75 Antibody

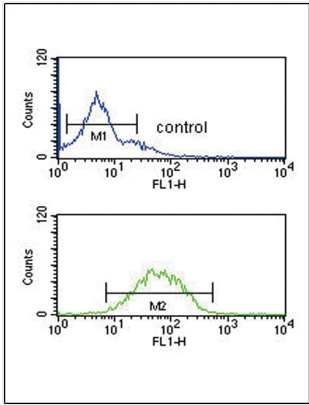
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286009	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

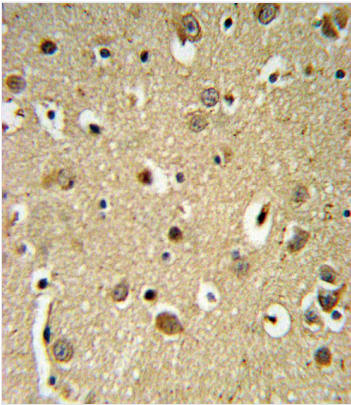
SPRY4-Y75; Polyclonal Antibody; SPRY4-Y75 Antibody; Protein sprouty homolog 4; Spry-4; SPRY4; anti-SPRY4 antibody

PRODUCT SPECIFICATIONS

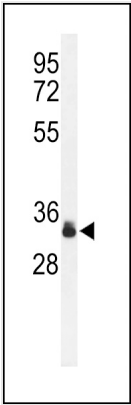
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SPRY4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-56 amino acids from human SPRY4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	26-56
Sequence Length	299
Applicable Applications for anti-SPRY4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SPRY4-Y75 Antibody flow cytometric analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
SPRY4-Y75 Antibody IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SPRY4-Y75 Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of Phospho-SPRY4-Y75.ctrl in K562 cell line lysates (35ug/lane). SPRY4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SPRY4 antibody	SPRY4 is an inhibitor of the receptor-transduced mitogen-activated protein kinase (MAPK) signaling pathway. The protein is positioned upstream of RAS activation and impairs the formation of active GTP-RAS.
Product Categories/Family for anti-SPRY4 antibody	Signal Transduction
References	Tsai CF, et al. (2008) J Proteome Res Guo A, et al. (2008) Proc Natl Acad Sci U S A 105, 692-7 Rikova K, et al. (2007) Cell 131, 1190-203 Wolf-Yadlin A, Hautaniemi S, Lauffenburger DA, White FM (2007) Proc Natl Acad Sci U S A 104, 5860-5 Tsumura Y, et al. (2005) Biochem J 387, 627-37

NCBI AND UNIPROT INFORMATION

NCBI GI #	188595697
NCBI GeneID	81848
NCBI Accession #	NP_001120968.1; NP_112226.2
NCBI GenBank Nucleotide #	NM_001127496.1
UniProt Accession #	Q9C004; Q6QIX2; Q9C003; A4FVB2; A4FVB3

Molecular Weight	32541
NCBI Official Full Name	protein sprouty homolog 4 isoform 2
NCBI Official Synonym Full Names	sprouty RTK signaling antagonist 4
NCBI Official Symbol	SPRY4
NCBI Official Synonym Symbols	HH17
NCBI Protein Information	protein sprouty homolog 4
UniProt Protein Name	Protein sprouty homolog 4
UniProt Gene Name	SPRY4
UniProt Synonym Gene Names	Spry-4
UniProt Entry Name	SPY4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/spry4-y75-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286009>