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HIGH PERFORMANCE ANTIBODIES ... AND MORE

Sprouty Antibody

CATALOG NUMBER: 46-430

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:16000. Western Blot: this antibody has been successfully used in ERMS cells (PMID: 20068162). Recommended concentration: 1-3 ug/mL. Immunohistochemistry: this antibody has been successfully used by anonymous customers in paraffin embedded mouse brain, showing nuclear staining. Recommended concentration: 1-3 ug/mL.
SPECIFICITY:	NP_005832.1 and NP_955359.1 represent varients of the same protein.
IMMUNOGEN:	Sprouty antibody was raised against a 10 amino acid synthetic peptide near the C-Terminus of Sprouty.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Sprouty antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Sprouty antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	SPRY1, hSPRY1, sprouty homolog 1, antagonist of FGF signaling (Drosophila), sprouty (Drosophila) homolog 1 (antagonist of FGF signaling), sprouty, Drosophila, homolog of, 1 (antagonist of FGF signaling)
ACCESSION NO.:	NP_005832.1, NP_955359.1
PROTEIN GI NO.:	40538726
OFFICIAL SYMBOL:	SPRY1
GENE ID:	10252

Background

REFERENCES:	1) Hanafusa H, Torii S, Yasunaga T, Matsumoto K, Nishida E. Shp2, an SH2-containing protein-tyrosine phosphatase, positively regulates receptor tyrosine kinase signaling by dephosphorylating and inactivating the inhibitor Sprouty. J Biol Chem. 2004 May 28;279(22):22992-5.

FOR RESEARCH USE ONLY

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