

DATASHEET

Sprouty 3 Rabbit Polyclonal Antibody

CAT. NO. APA16971

KEY FEATURES

Target	Sprouty 3	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Inhibits neurite branching, arbor length and neurite complexity . Inhibits EGF-mediated p42/44 ERK signaling . Negatively regulates the MAPK cascade, resulting in a reduction of extracellular matrix protein accumulation . May function as an antagonist of fibroblast growth factor (FGF) pathways and may negatively modulate respiratory organogenesis .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

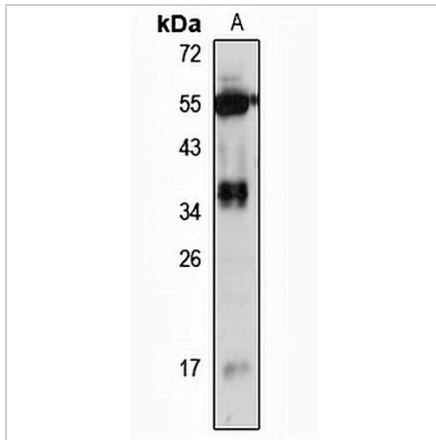
Description	Rabbit polyclonal antibody to Sprouty 3
Specificity	Recognizes endogenous levels of Sprouty 3 protein
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human Sprouty 3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 31 kD; Observed: 36 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Protein sprouty homolog 3; Spry-3
Gene Symbol	SPRY3
Entrez Gene	10251(Human)
SwissProt	O43610(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**Sprouty 3 Rabbit Polyclonal Antibody**

CAT. NO. APA16971

DATA

Western blot analysis of Sprouty 3 expression in HEK293T (A) whole cell lysates.
(Predicted band size: 31 kD; Observed band size: 36 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.