

SPRY3 Rabbit pAb

CatalogNo: YN8375

| Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 32kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human SPRY3

Specificity

This antibody detects endogenous levels of SPRY3 at Human

| Target Information

Gene name

SPRY3

Protein Name	Protein sprouty homolog 3 (Spry-3)		
	Organism	Gene ID	UniProt ID
	Human	10251 ;	O43610 ;
Cellular Localization	Cytoplasm.		
Tissue specificity	Widely expressed; particularly in the fetal tissues. Expressed in the brain with expression the highest in Purkinje cells in the cerebellum (at protein level) (PubMed:26089202). Expressed in the myocardium of the heart (PubMed:30878395).		
Function	Inhibits neurite branching, arbor length and neurite complexity (By similarity). Inhibits EGF-mediated p42/44 ERK signaling (By similarity). 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 .		

| Validation Data

| Contact information

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SPRY3 Rabbit pAb

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