

SPRY4 antibody

Cat. No. GTX20265

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA
Reactivity	Human, Mouse

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:100-1:1000
IHC-P	1-10 µg/mL
ELISA	1:3000-1:12000

Not tested in other applications.

Calculated MW 33 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to a C-Terminal region near amino acids 275-299 of Human Sprouty-4 protein.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

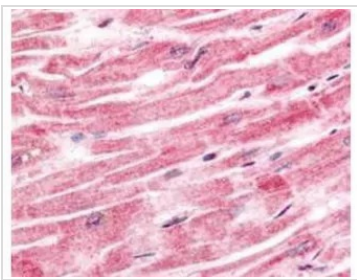
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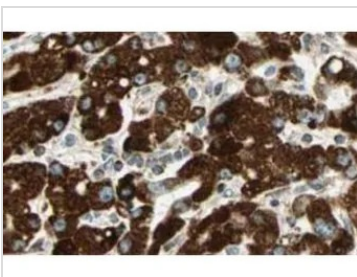


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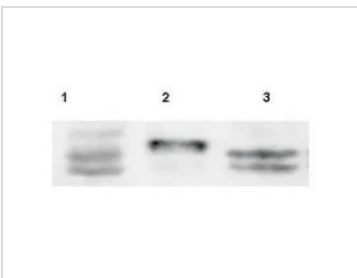
DATA IMAGES

**GTx20265 IHC-P Image**

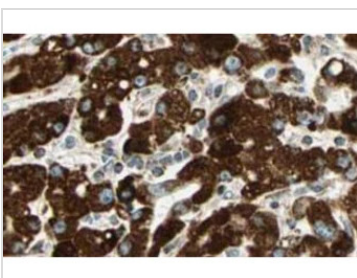
Immunohistochemistry of Rabbit anti-Sprouty-4 antibody. Tissue: human heart tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Sprouty-4 antibody at 2.5 µg/ml for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: Sprouty-4 is cytoplasmic. Staining: Sprouty-4 as precipitated red signal with hematoxylin purple nuclear counterstain.

**GTx20265 IHC-P Image**

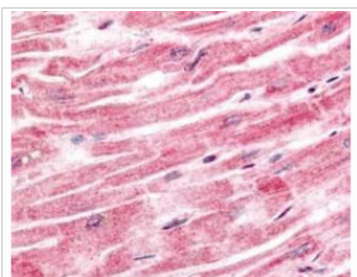
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**GTx20265 WB Image**

Western Blot of Rabbit anti-Sprouty-4 antibody. Lane 1: HeLa. Lane 2: SW13. Lane 3: C2C12. Load: 30 µg per lane. Primary antibody: Sprouty 4 antibody at 1:100 for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:5,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: a doublet band ~35 kDa corresponding to human Sprouty-4. Other band(s): none.

**GTx20265 IHC-P Image**

IHC-P analysis of human liver tissue using GTX20265 SPRY4 antibody.
Dilution : 2.5 µg/mL

**GTx20265 IHC-P Image**

IHC-P analysis of human heart tissue using GTX20265 SPRY4 antibody.
Dilution : 2.5 µg/mL



For full product information, images and publications, please visit our [website](#).