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# anti-SPRY4 antibody (Internal Region)

2 Images



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Quantity:	100 μL
Target:	SPRY4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRY4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
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#### **Product Details**

Immunogen:	A synthesized peptide derived from human prouty 4, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Prouty 4 Antibody detects endogenous levels of total prouty 4.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

#### **Target Details**

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Target:	SPRY4	

## **Target Details**

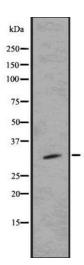
Alternative Name:	SPRY4 (SPRY4 Products)
Background:	Description: Suppresses the insulin receptor and EGFR-transduced MAPK signaling pathway, but does not inhibit MAPK activation by a constitutively active mutant Ras. Probably impairs the formation of GTP-Ras. Inhibits Ras-independent, but not Ras-dependent, activation of RAF1. Gene: SPRY4
Molecular Weight:	33 kDa.
Gene ID:	81848
UniProt:	Q9C004

# Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

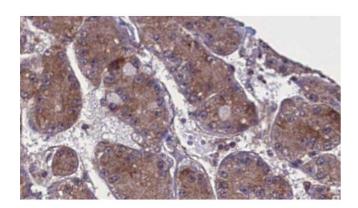
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



#### **Western Blotting**

**Image 1.** Western blot analysis of prouty 4 using K562 whole cell lysates



#### **Immunohistochemistry**

**Image 2.** ABIN6277722 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary