

## Product datasheet for **TA339762**

### Sprouty 4 (SPRY4) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SPRY4 antibody: synthetic peptide directed towards the middle region of human SPRY4. Synthetic peptide located within the following region: LCYLPATGCVKLAQRGYDRLRRPGCRCKHTNSVICKAASGDAKTSRPDKP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	sprouty RTK signaling antagonist 4
Database Link:	<a href="#">NP_112226</a> <a href="#">Entrez Gene 81848 Human</a> <a href="#">Q9C004</a>
Background:	SPRY4 is an inhibitor of the receptor-transduced mitogen-activated protein kinase (MAPK) signaling pathway. It is positioned upstream of RAS (see HRAS; MIM 190020) activation and impairs the formation of active GTP-RAS (Leeksa et al., 2002 [PubMed 12027893]).
Synonyms:	HH17

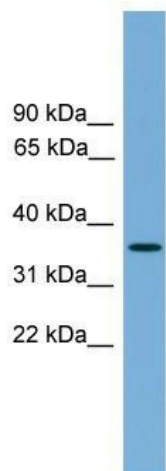


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**Note:** Immunogen Sequence Homology: Human: 100%; Pig: 86%; Horse: 86%; Mouse: 86%; Bovine: 86%; Rabbit: 86%; Guinea pig: 86%; Rat: 79%

**Protein Pathways:** Jak-STAT signaling pathway

**Product images:**



WB Suggested Anti-SPRY4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Hela cell lysate