

Product Datasheet

SPRY1 Antibody NBP1-51918

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-51918

SPRY1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Description	NP_005832.1 and NP_955359.1 represent variants of the same protein.
Host	Goat
Gene ID	10252
Gene Symbol	SPRY1
Species	Human, Mouse
Specificity/Sensitivity	NP_005832.1 and NP_955359.1 represent variants of the same protein.
Immunogen	Peptide with sequence CPSRGQGKPS corresponding to C-Terminus according to NP_005832.1, NP_955359.1.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3-1 ug/ml, Flow Cytometry 10 ug/ml, Immunohistochemistry 1-3 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 1 - 3 ug/ml, Peptide ELISA detection limit 1:16000
Application Notes	<p>WB successful usage in ERMS cells is reported in scientific literature (PMID: 20068162).</p> <p>Western blot: Approx 37kDa band observed in Human Kidney lysates (calculated MW of 35.1kDa according to NP_005832.1). Primary incubation 1 hour at room temperature. This product has been successfully used in ERMS cells (PMID: 20068162).</p> <p>IHC: This product has been successfully used by customers in paraffin embedded Mouse Brain, showing nuclear staining.</p> <p>Immunofluorescence: Strong expression of the protein seen in the cytoplasm and Golgi apparatus of HeLa and HepG2 cells.</p> <p>Flow Cytometry: Flow cytometric analysis of HEK293 cells.</p>

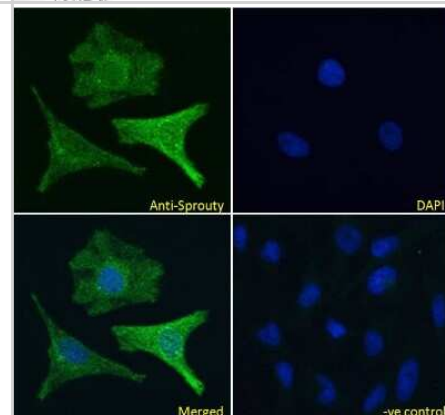


Images

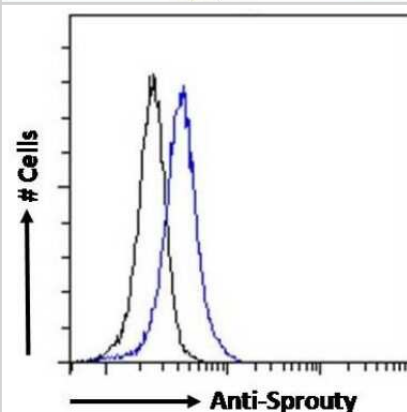
Western Blot: SPRY1 Antibody [NBP1-51918] - (0.3ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

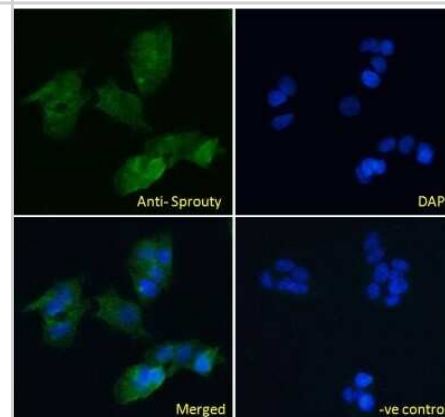
Immunocytochemistry/Immunofluorescence: SPRY1 Antibody [NBP1-51918] - analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic and Golgi apparatus staining. The nucl



Flow Cytometry: SPRY1 Antibody [NBP1-51918] - analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml). IgG control: Unimmunized goat IgG (black line)



Immunocytochemistry/Immunofluorescence: SPRY1 Antibody [NBP1-51918] - analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic and Golgi apparatus staining. The nuc



Publications

Hu M, Lu Y, Zeng H et al. MicroRNA-21 maintains hematopoietic stem cell homeostasis through sustaining the NF-kappa B signaling pathway in mice *Haematologica* 2020-01-23 [PMID: 31974197] (WB, Mouse)

Hanafusa H, Torii S, Yasunaga T et al. Shp2, an SH2-containing protein-tyrosine phosphatase, positively regulates receptor tyrosine kinase signaling by dephosphorylating and inactivating the inhibitor Sprouty. *J Biol Chem* 2004-05-28 [PMID: 15031289]





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Products Related to NBP1-51918

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00010252-P01-10ug	Recombinant Human SPRY1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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