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RSPO4 Polyclonal Antibody

Catalog Number **PA5-25615**

Product data sheet

Details	
Size	400 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	KLH conjugated synthetic peptide between 199-228 amino acids from the C-terminal region of human RSPO4
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	0.09% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity	
Species reactivity	Human
Published species	Not Applicable

Tested Applications	Dilution *
Flow Cytometry (Flow)	1:10-1:50
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Western Blot (WB)	1:1,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Background/Target Information

RSPO4 is a member of the R-spondin family of proteins that share a common domain organization consisting of a signal peptide, cysteine-rich/furin-like domain, thrombospondin domain and a C-terminal basic region. The encoded protein may be involved in activation of Wnt/beta-catenin signaling pathways. Mutations in this gene are associated with anonychia congenital. Alternate splicing results in multiple transcript variants.

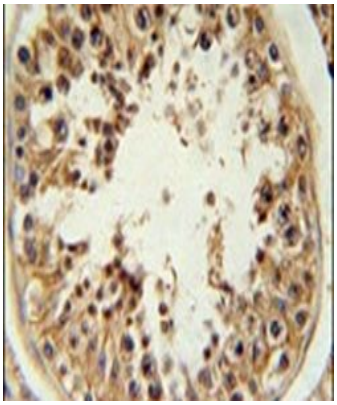
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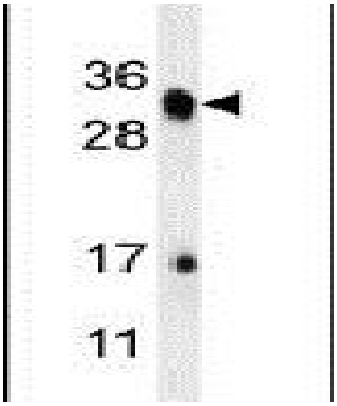
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Product Images For RSPO4 Polyclonal Antibody



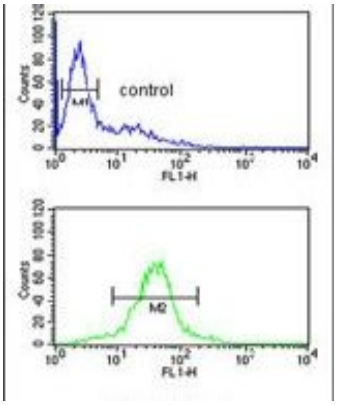
RSPO4 Antibody (PA5-25615) in IHC (P)

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded human testis tissue using a RSPO4 polyclonal antibody (Product # PA5-25615), followed by HRP-conjugated secondary antibody and DAB staining.



RSPO4 Antibody (PA5-25615) in WB

Western blot analysis in Jurkat cell lysates (15 µg per lane) using a RSPO4 polyclonal antibody (Product # PA5-25615).



RSPO4 Antibody (PA5-25615) in Flow

Flow cytometry analysis of Jurkat cells using a RSPO4 polyclonal antibody (Product # PA5-25615) (bottom) compared to a negative control cell (top) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

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