

## Product Datasheet

# Apelin Receptor Rabbit Polyclonal Antibody (orb13251)

<b>Catalog Number</b>	orb13251
<b>Category</b>	Antibodies
<b>Description</b>	Apelin Receptor Rabbit Polyclonal Antibody
<b>Target</b>	APLNR
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Canine, Rabbit, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Apelin receptor (41-140/380aa)
<b>UniProt ID</b>	<b>P35414</b>

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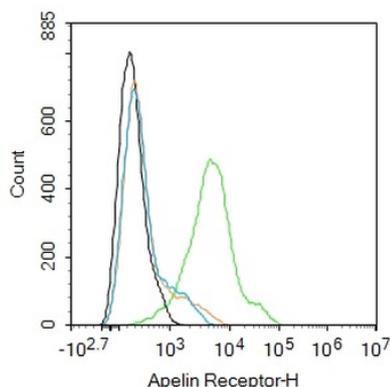
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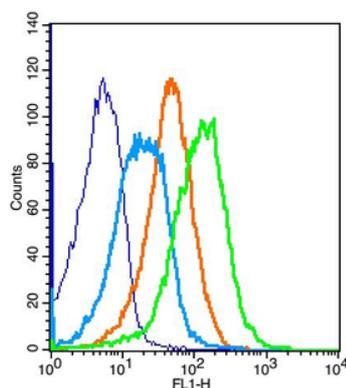
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<b>RRID</b>	AB_10751247
<b>MW</b>	42 kDa
<b>Tested applications</b>	WB
<b>Dilution range</b>	WB=1:500-2000
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only



Blank control (black line): SH-SY5Y. Primary Antibody (green line): Rabbit Anti-Apelin Receptor antibody (orb13251), Dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-AF488, Dilution: 0.5 ug/Test. Negative control (white blue line): PBS, Isotype control (orange line): Normal Rabbit IgG, Protocol, The cells were The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Positive control (blue): mouse Splenocytes, Isotype Antibody (orange): Rabbit IgG, Dilution: 1 ug in 100 u1X PBS containing 0.5% BSA, Secondary Antibody (light blue): Goat anti-rabbit IgG-FITC, Dilution: 1:200 in 1X PBS containing 0.5% BSA, Primary Antibody catalog number (green): orb13251, Dilution: 1 ug in 100 ul 1X PBS containing 0.5% BSA.

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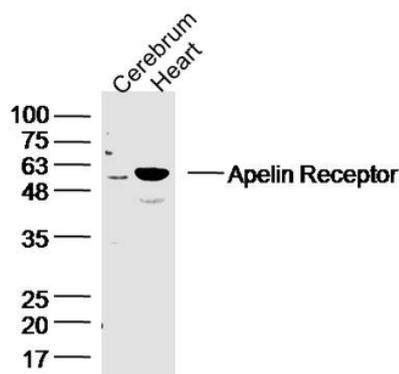
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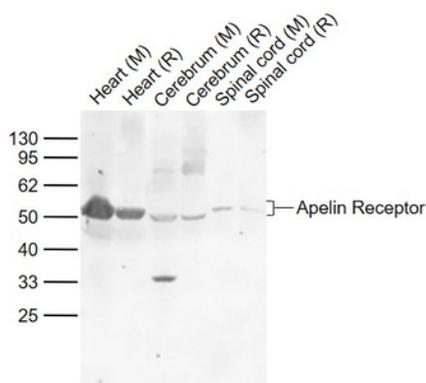
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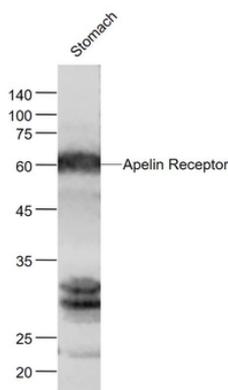
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Sample: Cerebrum (mouse) Lysate at 40 ug, heart (mouse) Lysate at 40 ug, Primary: Anti-Apelin receptor (orb13251) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 42 kD, Observed band size: 52 kD.



Sample: Lane 1: Heart (Mouse) Lysate at 40 ug, Lane 2: Heart (Rat) Lysate at 40 ug, Lane 3: Cerebrum (Mouse) Lysate at 40 ug, Lane 4: Cerebrum (Rat) Lysate at 40 ug, Lane 5: Spinal cord (Mouse) Lysate at 40 ug, Lane 6: Spinal cord (Rat) Lysate at 40 ug, Primary: Anti-Apelin Receptor (orb13251) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 42 kD, Observed band size: 50 kD.



Sample: Stomach (Mouse) Lysate at 40 ug, Primary: Anti-Apelin Receptor (orb13251) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 58 kD, Observed band size: 58 kD.

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