

Product Datasheet

Pro-neuregulin-1, membrane-bound isoform Rabbit Polyclonal Antibody (orb13479)

Catalog Number	orb13479
Category	Antibodies
Description	Pro-neuregulin-1, membrane-bound isoform Rabbit Polyclonal Antibody
Target	NRG1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Canine, Gallus, Rabbit
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from mouse Pro-NRG1 (221-320/645aa)
RRID	AB_10748711

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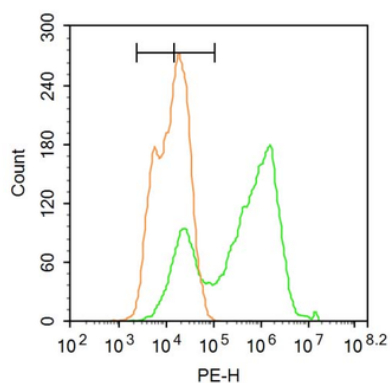
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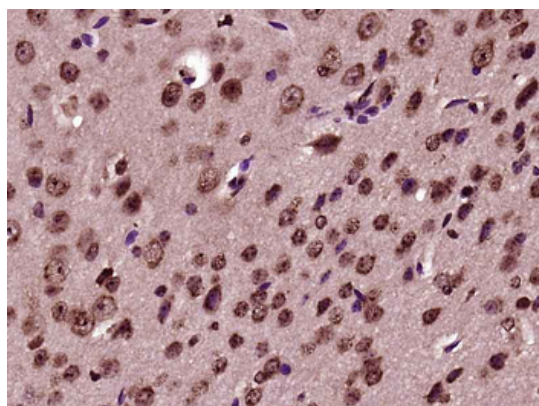
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MW	71 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=3ug/test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: A549. Primary Antibody (green line): Rabbit Anti-Pro-neuregulin-1, membrane-bound isoform antibody (orb13479), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE, Dilution: 3 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. 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.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Pro-neuregulin-1, membrane-bound isoform) Polyclonal Antibody, Unconjugated (orb13479) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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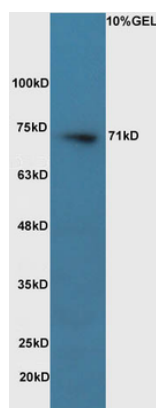
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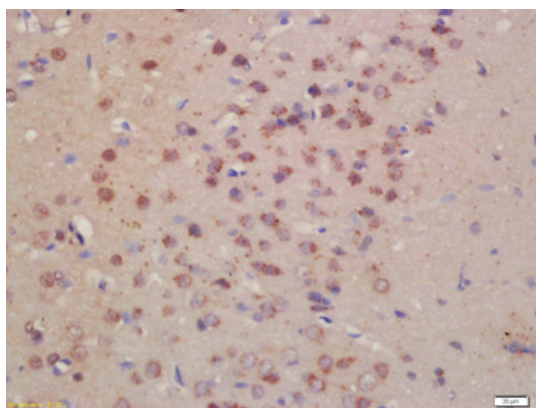
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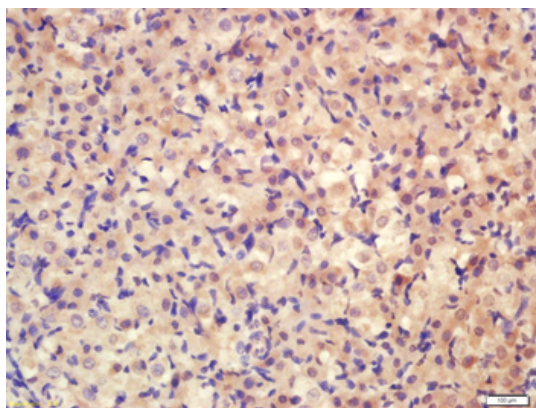
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Sample: Raji Cell Lysate at 30 ug, Primary: Anti-HRG beta1 (orb13479) at 1:300 dilution, Secondary: HRP conjugated Goat-Anti-Rabbit IgG (orb572747) at 1:5000 dilution, Predicted band size: 71 kD, Observed band size: 71 kD.



Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-HRG beta1 Polyclonal Antibody, Unconjugated (orb13479) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Mouse ovary tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-HRG Beta1 Polyclonal Antibody, Unconjugated (orb13479) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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