

**bs-5968R****[ Primary Antibody ]****NARG2 Rabbit pAb**

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**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 79664**SWISS:** Q659A1**Target:** NARG2**Immunogen:** KLH conjugated synthetic peptide derived from human NARG2: 201-300/982.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

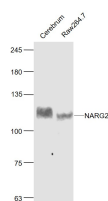
**Background:** NARG2 is expressed at relatively high levels in dividing and immature cells, and is down-regulated upon terminal differentiation. NARG2 is a novel (S/T)PXX motif-containing nuclear protein; this motif is present in many transcription factors as well as other regulatory proteins that bind to DNA such as histones and RNA polymerase II. Three different isoforms exist.

**Applications:** **WB** (1:500-2000)  
**IHC-P** (1:100-500)  
**IHC-F** (1:100-500)  
**IF** (1:100-500)  
**Flow-Cyt** (1µg/Test)

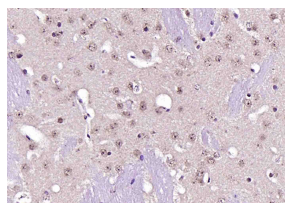
**Reactivity:** Human, Mouse, Rat  
(predicted: Dog)

**Predicted MW.:** 110 kDa

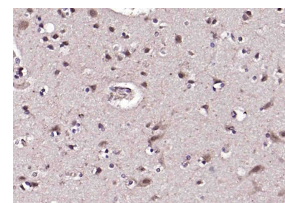
**Subcellular Location:** Nucleus

**VALIDATION IMAGES**

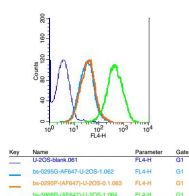
Sample: Cerebrum (Rat) Lysate at 40 ug  
Raw264.7 (Mouse) Cell Lysate at 30 ug Primary:  
Anti- NARG2 (bs-5968R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 110 kD  
Observed band size: 110 kD



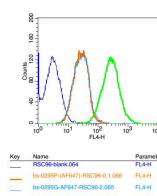
Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (NARG2) Polyclonal Antibody, Unconjugated (bs-5968R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (NARG2) Polyclonal Antibody, Unconjugated (bs-5968R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control: U-2OS(blue) Isotype Control  
Antibody: Rabbit IgG(orange) ; Secondary  
Antibody: Goat anti-rabbit IgG-AF647(white  
blue), Dilution: 1:100 in 1 X PBS containing 0.5%  
BSA ; Primary Antibody Dilution: 1µl in 100 µL1X  
PBS containing 0.5% BSA(green).



Blank control: RSC96(blue) Isotype Control  
Antibody: Rabbit IgG(orange) ; Secondary  
Antibody: Goat anti-rabbit IgG-AF647(white  
blue), Dilution: 1:100 in 1 X PBS containing 0.5%  
BSA ; Primary Antibody Dilution: 1µl in 100 µL1X  
PBS containing 0.5% BSA(green).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## — SELECTED CITATIONS —

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- **[IF=3.288]** Schmidt et al. Regulation of the oncogenic phenotype by the nuclear body protein ZC3H8. (2018)  
BMC.Cancer. 18:759 FCM ;Mouse. 30041613