

**NARG2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58352**

**Specification**

**NARG2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q659A1</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NARG2
Epitope Specificity	201-300/982
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

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.

**NARG2 Polyclonal Antibody - Additional Information**

**Gene ID** 79664

**Other Names**

Little elongation complex subunit 2, Interactor of little elongator complex ELL subunit 2, NMDA receptor-regulated protein 2, ICE2, BRCC1, NARG2

**Target/Specificity**

Expressed at low levels in lung and testis.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**NARG2 Polyclonal Antibody - Protein Information**

**Name** ICE2

**Synonyms** BRCC1, NARG2

**Function**

Component of the little elongation complex (LEC), a complex required to regulate small nuclear RNA (snRNA) gene transcription by RNA polymerase II and III.

**Cellular Location**

Nucleus. Note=Colocalizes with COIL in subnuclear Cajal and histone locus bodies. Translocates in the LEC complex to Cajal and histone locus bodies at snRNA genes in a ICE1-dependent manner. Associates to transcriptionally active chromatin at snRNA genes

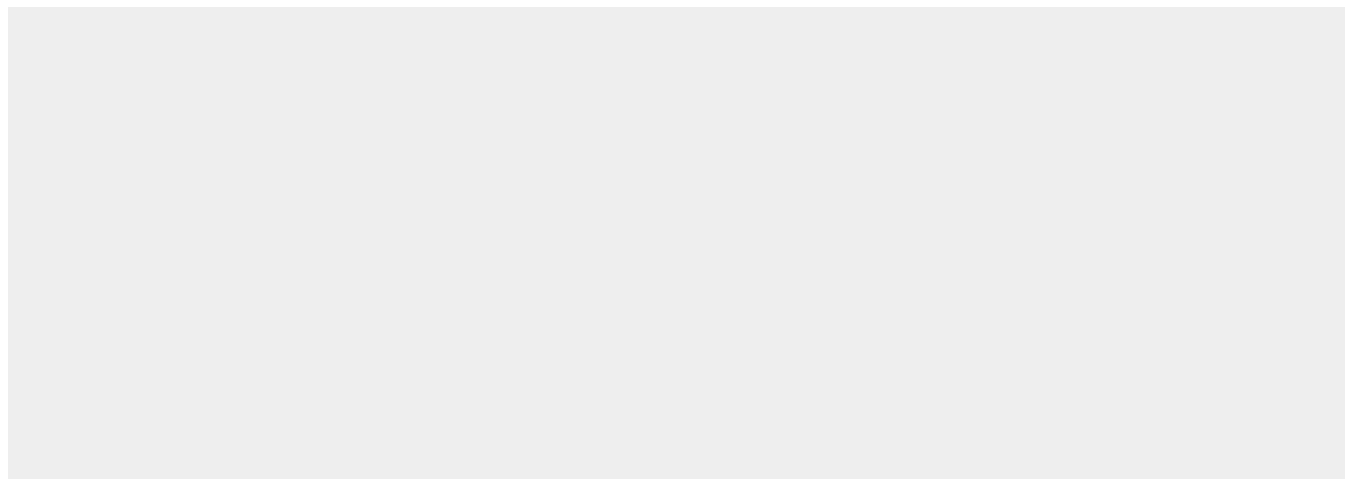
**Tissue Location**

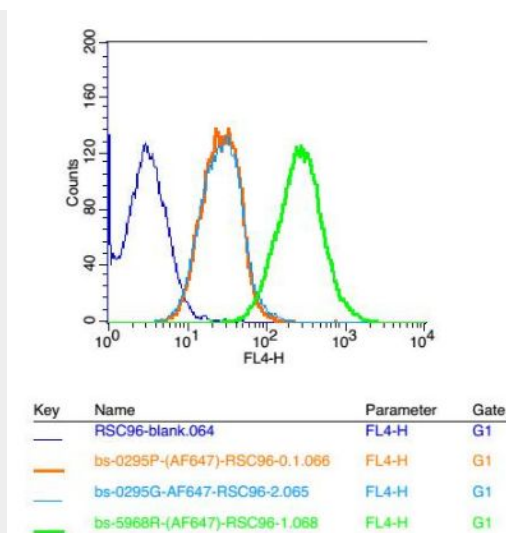
Expressed at low levels in lung and testis.

**NARG2 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

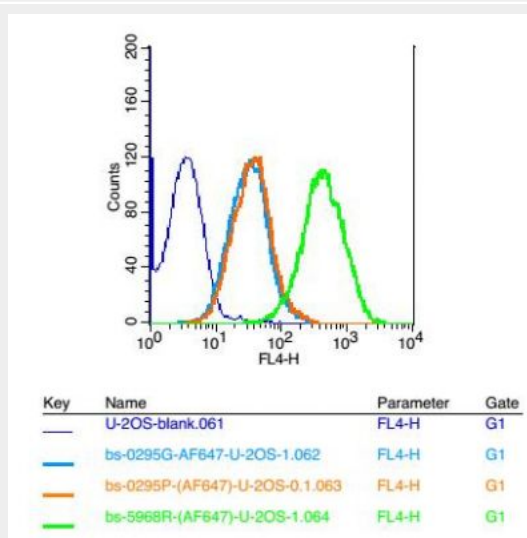
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NARG2 Polyclonal Antibody - Images**



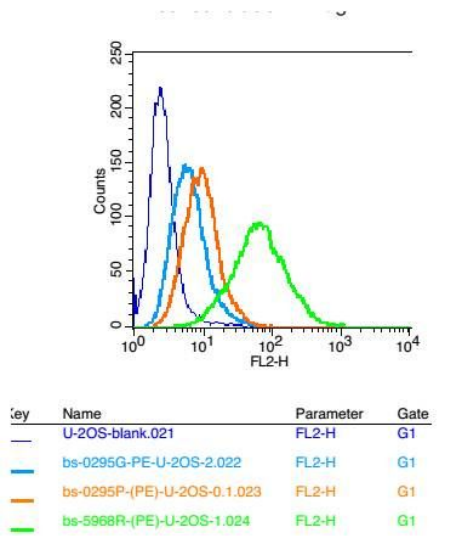
Blank control: RSC96(blue)

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: 1  $\mu$ l in 100  $\mu$ l 1X PBS containing 0.5% BSA(green).



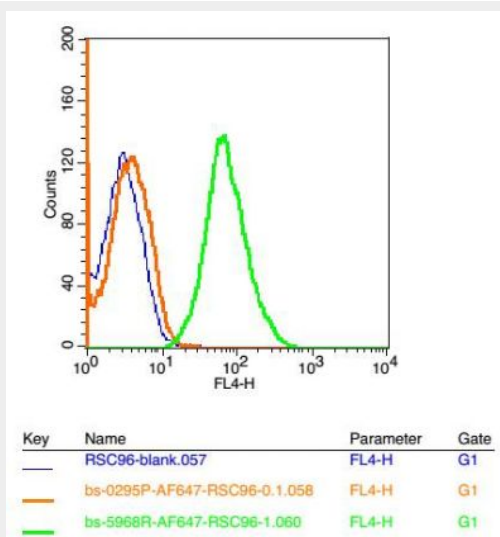
Blank control: U-2OS(blue)

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: 1  $\mu$ l in 100  $\mu$ l 1X PBS containing 0.5% BSA(green).



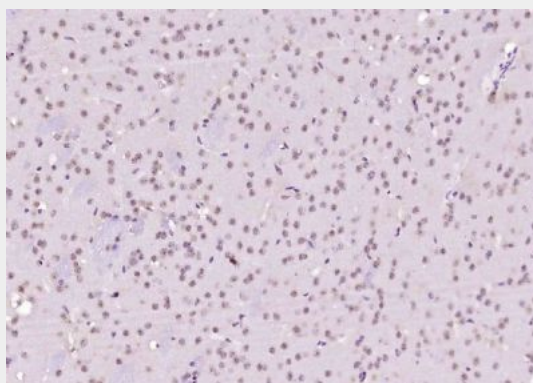
Blank control: U-2OS(blue)

Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1  $\mu$ l in 100  $\mu$ l 1X PBS containing 0.5% BSA(green).



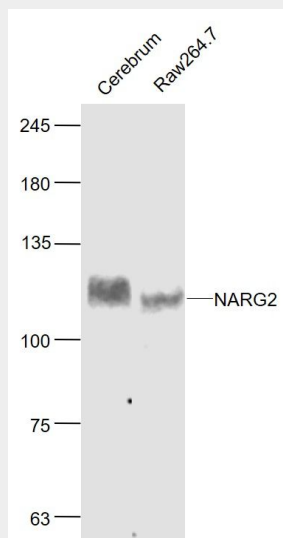
Blank control: HCCLM3(blue)

Isotype Control Antibody: Rabbit IgG-AF647(orange) ; Primary Antibody Dilution: 5  $\mu$ l in 100  $\mu$ l 1X PBS containing 0.5% BSA(green).



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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; Antibody incubation with (NARG2) Polyclonal Antibody, Unconjugated (bs-5968R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



**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