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NARG2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58352

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q659A1
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110011
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NARG2
Epitope Specificity	201-300/982
Isotype	IgG
Purity	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.

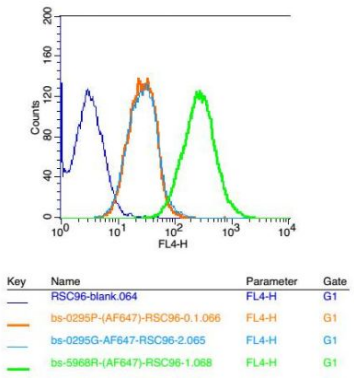
Additional Information

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	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1 g/Test,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

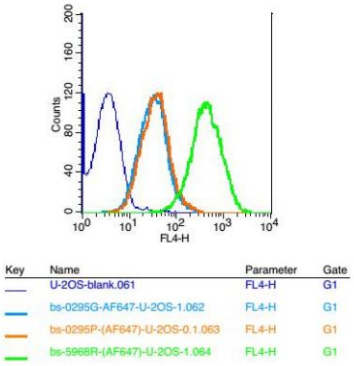
Protein Information

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.

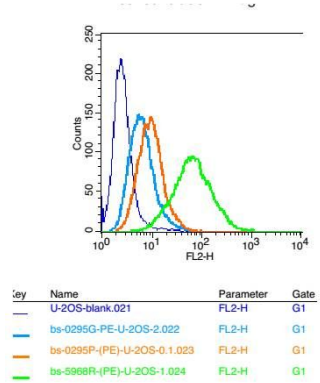
Images



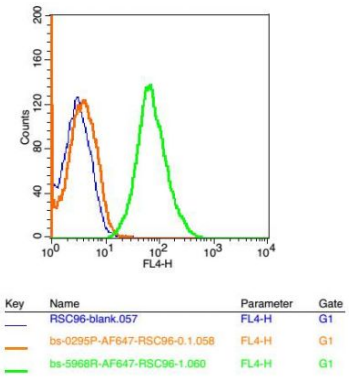
Blank control: RSC96(blue)
Isotype Control Antibody: Rabbit IgG(orange) ;
Secondary Antibody: Goat anti-rabbit IgG-AF647(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ;
Primary Antibody Dilution: 1 µl in 100 µL1X PBS containing 0.5% BSA(green).



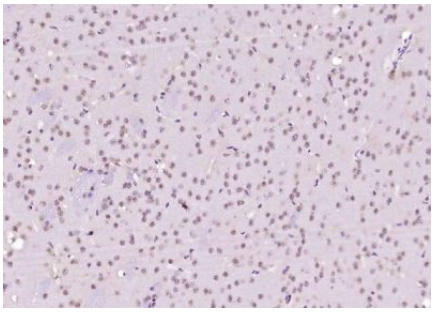
Blank control: U-2OS(blue)
Isotype Control Antibody: Rabbit IgG(orange) ;
Secondary Antibody: Goat anti-rabbit IgG-AF647(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ;
Primary Antibody Dilution: 1 µl in 100 µL1X PBS containing 0.5% BSA(green).



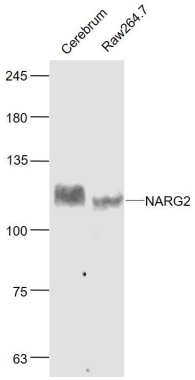
Blank control: U-2OS(blue)
Isotype Control Antibody: Rabbit IgG(orange) ;
Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1 µl in 100 µL1X PBS containing 0.5% BSA(green).



Blank control: HCCLM3(blue)
Isotype Control Antibody: Rabbit IgG-AF647(orange) ;
Primary Antibody Dilution: 5 µl in 100 µL1X 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 (AP58352) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Sample:
Cerebrum (Rat) Lysate at 40 ug
Raw264.7 (Mouse) Cell Lysate at 30 ug
Primary: Anti- NARG2 (AP58352) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 110 kD
Observed band size: 110 kD