

Anti-AKAP12 antibody



Catalog Number: 175197

Product name

Anti-AKAP12 antibody

FC:1µg/Test

IF:1:200-800

Specificity

Human, Mouse, Rat, Dog

Antibody description

Rabbit polyclonal antibody to AKAP12

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from human akap12 701-900/1684

Formulation

Liquid, 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage

Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IHC-P, ICC/IF, FC

Dilutions

WB:1:500-2000

IHC-P:1:400-800

Validations

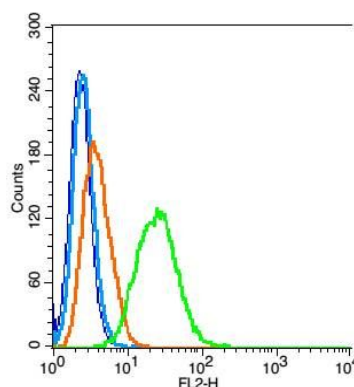
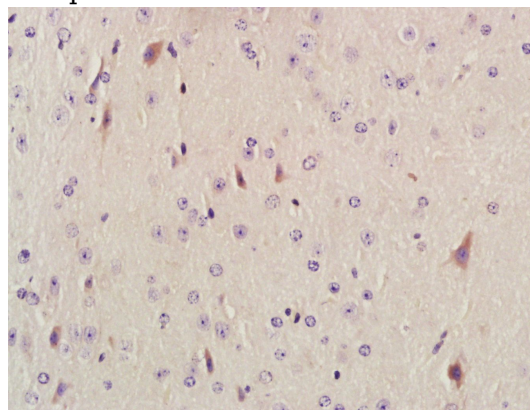


Fig1: Blank control: RSC 96 (blue).; Primary Antibody:Rabbit Anti-AKAP12 antibody , Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA;; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions);; Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.; Protocol; The cells were fixed with 2% paraformaldehyde (10 min) , then permeabilized with 90% ice-cold methanol for 30 min on ice. Antibody (1µg /1x10⁶ cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody of 175197# at 1/200 dilution for 30 min on ice. Acquisition of 20,000 events was performed.



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Fig2: 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; Antibody incubation with (AKAP12) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20

minutes and DAB staining.

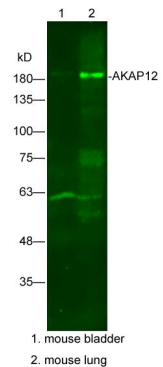


Fig3: Sample:; Lane 1: mouse bladder Lysate at 25 ug; Lane 2: mouse lung Lysate at 25 ug; Primary: Anti-AKAP12 at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 191kD; Observed band size: 191kD