Anti-ACR antibody

Catalog Number: 175189

Product name

Anti-ACR antibody

Specificity

Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep

Antibody description

Rabbit polyclonal antibody to ACR

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from human acrosin heavy chain 201-300/421

Formulation

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

Storage

Store at -20℃ 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℃. 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℃.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IHC-P, FC

Dilutions

WB:1:500-2000

IHC-P:1:400-800

FC:1ug/Test

Validations

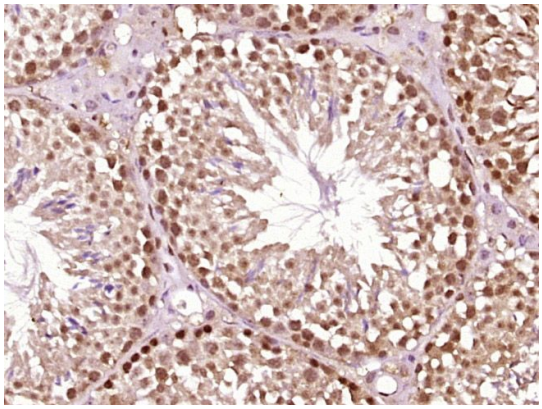

Fig1: Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37℃ for 30min; Antibody incubation with (Acrosin) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4℃, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining

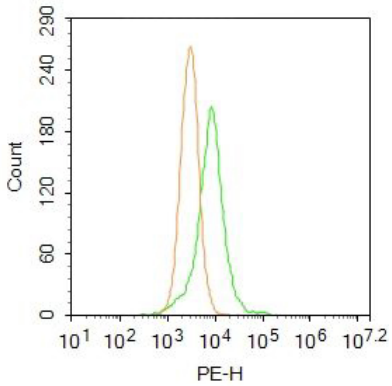

Fig2: Blank control: HepG2.; Primary Antibody (green line): Rabbit Anti-Acrosin antibody ; Dilution: 1µg /10^6 cells;; Isotype Control Antibody (orange line): Rabbit IgG .; Secondary Antibody : Goat anti-rabbit IgG-PE; Dilution: 1µg /test.; Protocol; The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at-20℃. The cells were then incubated in

5%BSA to block non-specific protein-protein interactions for 30 min at 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 20,000 events was performed.

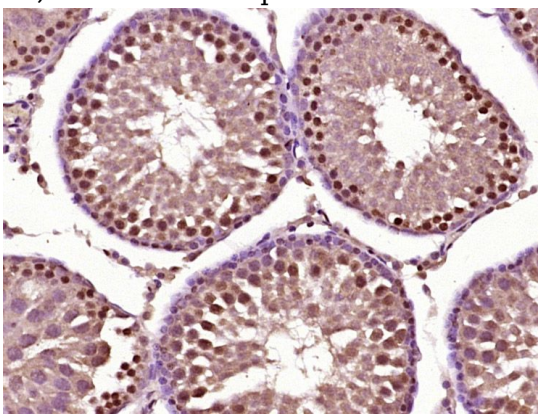

Fig3: Paraformaldehyde-fixed, paraffin embedded (rat testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37℃ for 30min; Antibody incubation with (Acrosin) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4℃, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

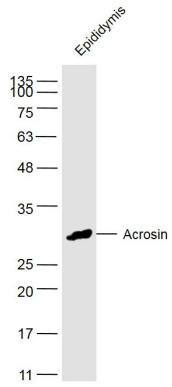

Fig4: Sample:; Epididymis (Mouse) Lysate at 40 ug; Primary: Anti-Acrosin at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 33/44kD; Observed band size: 33 kD