Anti-FOXN1 antibody

Catalog Number: 175431

Product name

Anti-FOXN1 antibody

Specificity

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

Antibody description

Rabbit polyclonal antibody to FOXN1

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from human foxn1 321-420/648

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

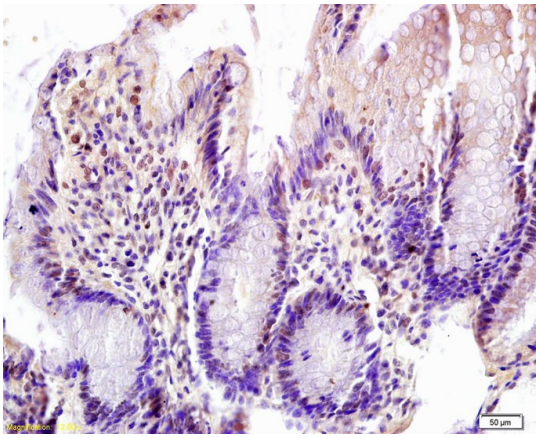

Fig1: Tissue/cell: rat colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;; Incubation: Anti-FOXN1 Polyclonal Antibody, Unconjugated 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

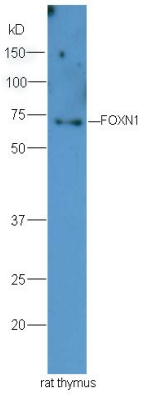

Fig2: Sample: Thymus (Rat) Lysate at 40 ug; Primary: Anti-FOXN1 at 1/300 dilution; Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution; Predicted band size: 69 kD; Observed band size: 69 kD

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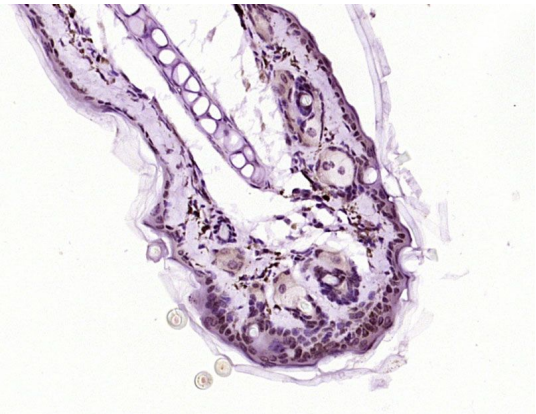

Fig3: Paraformaldehyde-fixed, paraffin embedded (Mouse skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37℃ for 30min; Antibody incubation with (FOXN1) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4℃, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

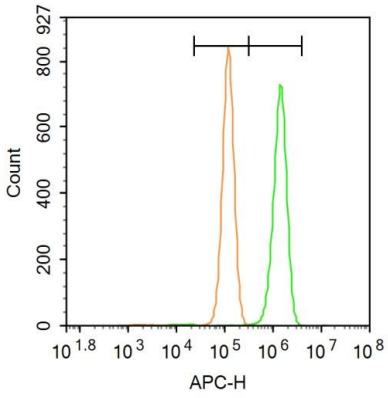

Fig4: Blank control: Hela.; Primary Antibody (green line): Rabbit Anti-FOXN1 antibody ; Dilution: 1μg /10^6 cells;; Isotype Control Antibody (orange line): Rabbit IgG .; Secondary Antibody: Goat anti-rabbit IgG-AF647; Dilution: 1μg /test.; Protocol; The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min 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.

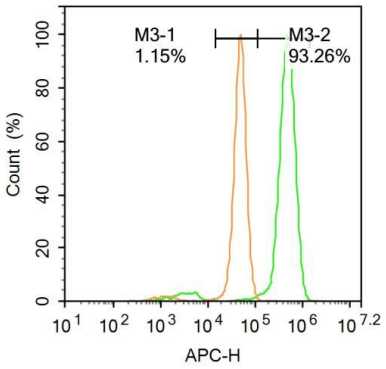

Fig5: Blank control (Black line): Hela (Black).; Primary Antibody (green line): Rabbit Anti-FOXN1 antibody ; Dilution: 1μg /10^6 cells;; Isotype Control Antibody (orange line): Rabbit IgG .; Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF647; Dilution: 1μg /test.; Protocol; The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at -20℃ .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.