bs-1775R **[Primary Antibody]**

HFH4 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2302 **SWISS:** Q92949

Target: HFH4

Immunogen: KLH conjugated synthetic peptide derived from human FOXJ1: 161-260/421.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the forkhead family of transcription factors. Similar genes in zebrafish and mouse have been shown to regulate the transcription of genes that control the production of motile cilia. The mouse ortholog also functions in the determination of left-right asymmetry. Polymorphisms in this gene are associated with systemic lupus erythematosus and allergic rhinitis.[provided by RefSeq, Sep 2009]

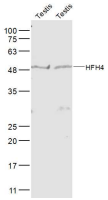
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (0.2ug/test)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Cow, Dog)

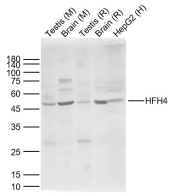
Predicted MW.: 46 kDa

Subcellular Location: Nucleus

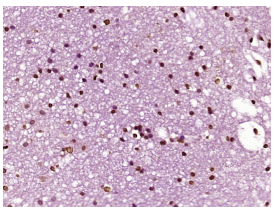
VALIDATION IMAGES



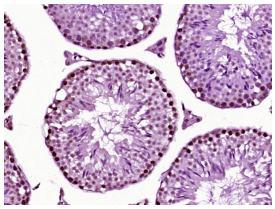
Sample: Testis (Mouse) Lysate at 40 ug Testis (Rat) Lysate at 40 ug Primary: Anti-HFH4 (bs-1775R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 50 kD



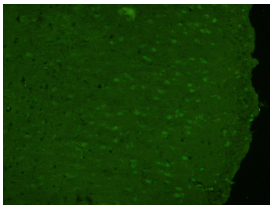
Sample: Lane 1: Mouse Testis Lysates Lane 2: Mouse Brain Lysates Lane 3: Rat Testis Lysates Lane 4: Rat Brain Lysates Lane 5: Human HepG2 cell Lysates Primary: Anti-HFH4 (bs-1775R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46kDa Observed band size: 50kDa



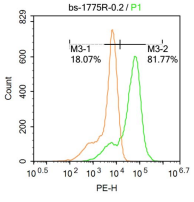
Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HFH4) Polyclonal Antibody, Unconjugated (bs-1775R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



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°C for 30min; Antibody incubation with (HFH4) Polyclonal Antibody,



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (FOXJ1) Polyclonal Antibody,



U-937 cells were fixed with 4% PFA for 10min at room temperature,permeabilized with 90% ice-cold methanol for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with HFH4 Antibody(bs-1775R)at 1:500 dilution in blocking buffer and incubated for 30

Unconjugated (bs-1775R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Unconjugated (bs-1775R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (bs-0295G-FITC) for 90 minutes, and DAPI for nuclei staining.

min at room temperature, washed twice with 2%BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).