

Anti-HTR2A antibody



Catalog Number: 175188

Product name

Anti-HTR2A antibody

FC:3ug/Test

IF:1:200-800

Specificity

Human, Mouse, Rat

Antibody description

Rabbit polyclonal antibody to HTR2A

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from human 5ht2a receptor 65-160/471

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

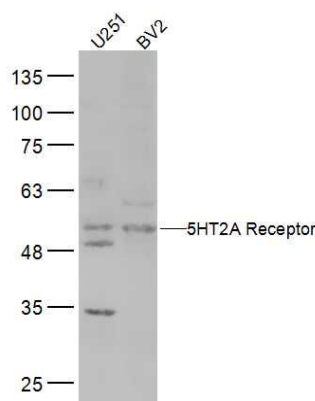


Fig1: Sample:; U251(Human) Cell Lysate at 30 ug; BV2(Mouse) Cell Lysate at 30 ug; Primary: Anti-5HT2A Receptor at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 52 kD; Observed band size: 52 kD

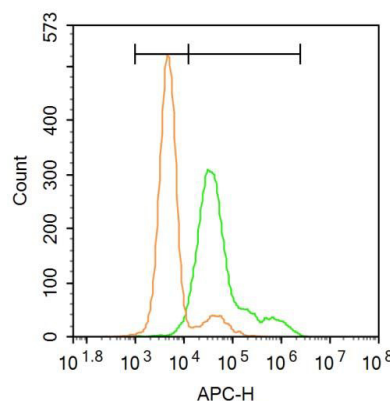


Fig2: Blank control: U-2OS.; Primary Antibody (green line): Rabbit Anti-5HT2A Receptor antibody ; Dilution: 3µg /10⁶ cells;; Isotype Control Antibody (orange line): Rabbit IgG .; Secondary Antibody : Goat anti-rabbit IgG-AF647; Dilution: 3µg /test.; Protocol; The cells were incubated in 5%BSA to block 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.

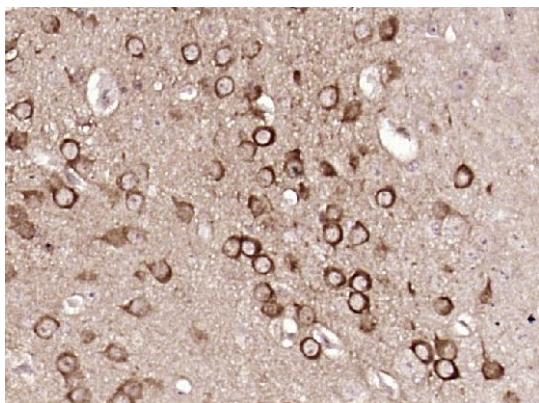


Fig3: Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (5HT2A Receptor) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

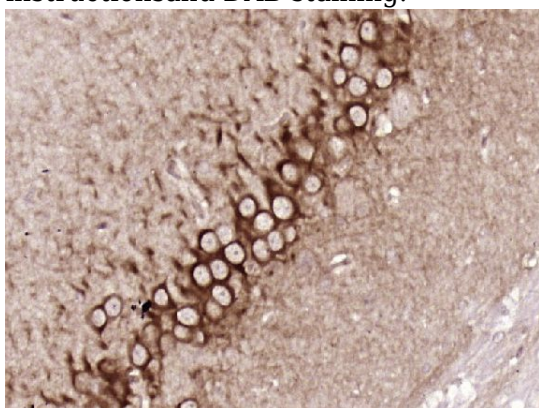


Fig4: Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (5HT2A Receptor) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

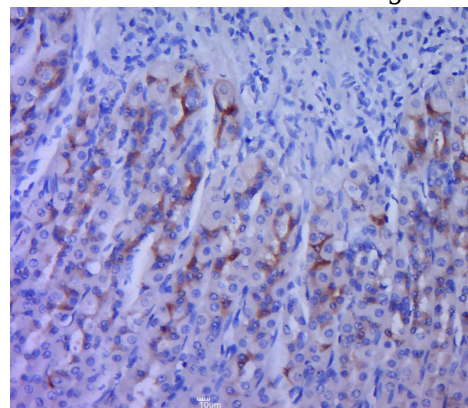


Fig5: Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (5HT2A Receptor) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.