Anti-GCGR antibody

Catalog Number: 175455



Product name

Anti-GCGR antibody

Specificity

Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Guinea Pig

Antibody description

Rabbit polyclonal antibody to GCGR

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from human glucagon receptor 11-110/477

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, FC

Dilutions

WB:1:500-2000

IHC-P:1:400-800

FC:1µg/Test

Validations

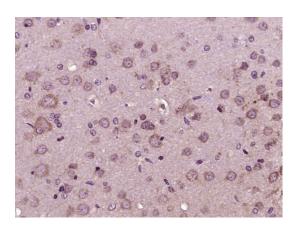


Fig1: Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Glucagon Receptor)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

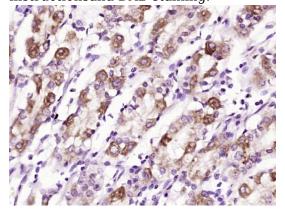


Fig2: Paraformaldehyde-fixed, paraffin embedded (human stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Glucagon Receptor) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit)

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(sp-0023) instructions and DAB staining.

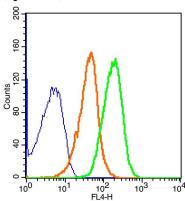


Fig3: Blank control(blue): Molt-4 Cells(fixed with 2% paraformaldehyde (10 min)).; Primary Antibody: Rabbit Anti-Glucagon Receptor/AF647 Conjugated antibody (175455#/AF647), Dilution: 1μg in 100 μL 1X PBS containing 0.5% BSA;; Isotype Control Antibody: Rabbit IgG/AF647(orange) ,used under the same

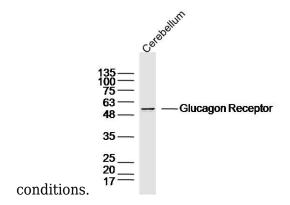


Fig4: Sample: Cerebellum (Mouse) Lysate at 40 ug; Primary: Anti-Glucagon Receptor at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 51 kD; Observed band size: 51 kD

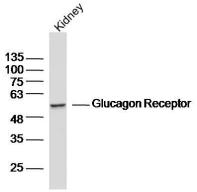


Fig5: Sample:Kidney (Mouse) Lysate at 40 ug; Primary: Anti-Glucagon Receptor at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 51kD; Observed band size: 51kD