

# Anti-GPR84 antibody

Catalog Number: 175462

## Product name

Anti-GPR84 antibody

## Specificity

Human, Mouse, Pig, Cow, Rabbit

## Antibody description

Rabbit polyclonal antibody to GPR84

## Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from human gpcr ex33 protein 21-120/369

## 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

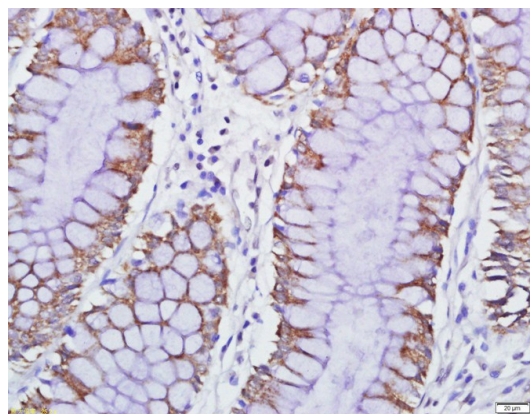
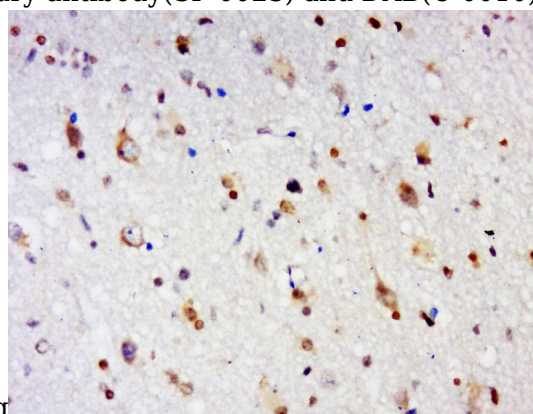


Fig1: Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;; Incubation: Anti-GPCR EX33 Polyclonal Antibody, Unconjugated 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010)



staining

Fig2: Tissue/cell: human brain glioma; 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°C for 20 min;; Incubation: Anti-EX33 Polyclonal Antibody, Unconjugated 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

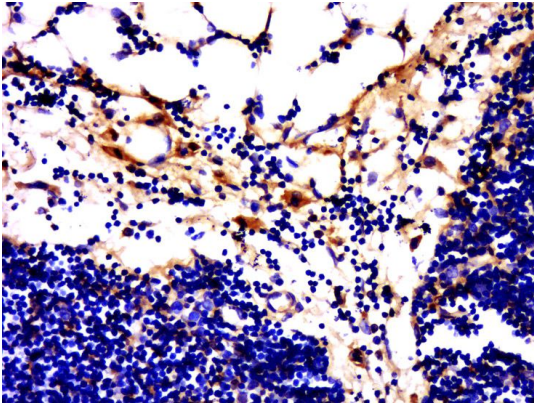


Fig3: Tissue/cell: rabbit thymus tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;; Incubation: Anti-EX33 Polyclonal Antibody, Unconjugated 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

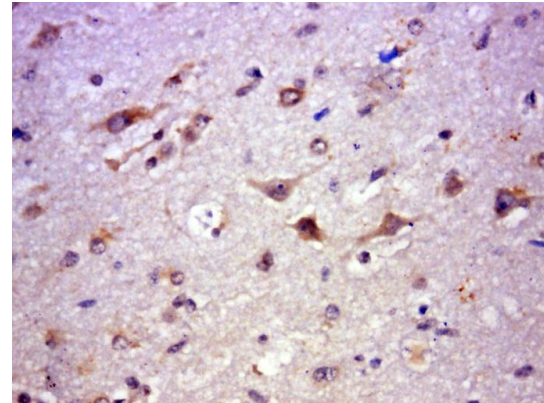


Fig5: Paraformaldehyde-fixed, paraffin embedded (Human Brain Glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GPCR EX33) Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

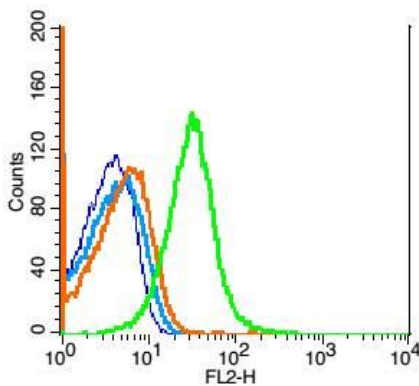


Fig4: Blank control(blue): Mouse thymus cells(fixed with 2% paraformaldehyde (10 min)).; Primary Antibody:Rabbit Anti- GPCR EX33 antibody , Dilution: 1ug in 100 uL 1X PBS containing 0.5% BSA;; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions );; Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

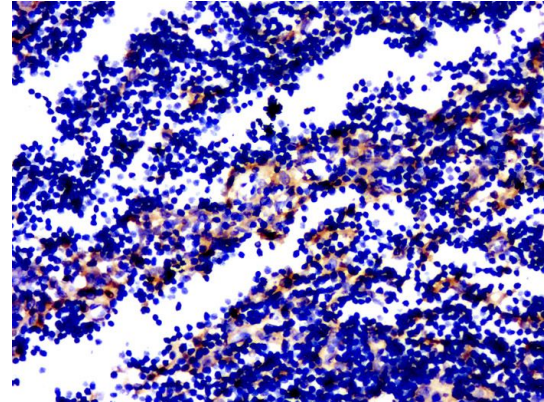
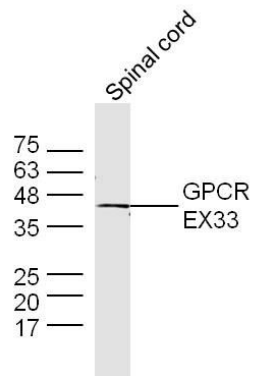


Fig6: araformaldehyde-fixed, paraffin embedded (rabbit thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GPCR EX33) Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20

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Fig7: Sample: Spinal cord (Mouse) Lysate at 40 ug; Primary: Anti-GPCR EX33 at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 44 kD; Observed band size: 44 kD



minutes and DAB staining.