

GPR30 Polyclonal Antibody

Catalog: BS65768	Host: Rabbit	Reactivity: Hu- man, Mouse, Rat, Chicken, Cow, H orse, Rabbit,
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BackGround:

G protein-coupled receptors (GPRs, or GPCRs) contain 7 hydrophobic transmembrane domains embedded in hydrophilic intra- and extracellular loops and transduce a variety of hormone, endogenous peptide, and neurotransmitter signals into intracellular effects via G proteins. GPR30 is a member of this family and is an orphan receptor. GPR30 expression has been reported in brain, breast carcinoma, blood, bone marrow, CNS, heart, liver, lung, lymph node, placenta, and spleen. In brain, GPR30 is expressed as a 2.8 kb transcript in basal forebrain, frontal cortex, thalamus, hippocampus, caudate and putamen. However, unlike other known G protein-coupled receptors, GPR30 localizes to the endoplasmic reticulum, where it specifically binds estrogen and estrogen derivatives.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

42kDa

Swiss-Prot:

Q99527

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500, ICC=1:100-500, Flow-Cyt=1ug/test

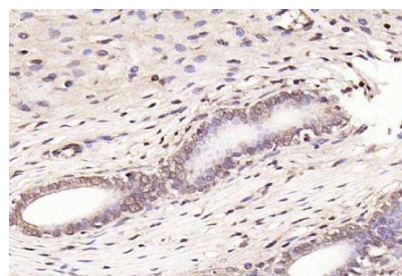
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

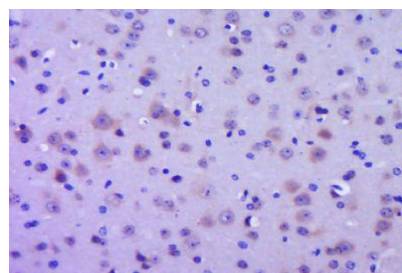
Specificity:

GPR30 Polyclonal Antibody detects endogenous levels of GPR30 protein.

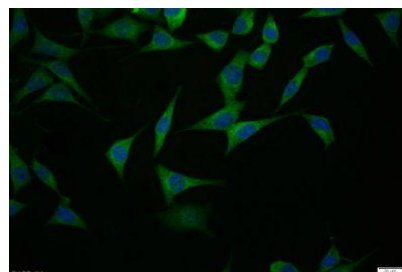
DATA:



Paraformaldehyde-fixed, paraffin embedded (rat uterus); 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 (GPR30) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C



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 (GPR30) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C,



Tissue/cell:SH-SY5Y cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat se-

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

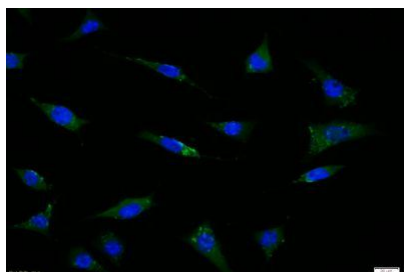
Fax: 0086-025-68035151



PRODUCT DATA SHEET

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rum, C-0005) at 37 °C for 20 min; Antibody incubation with (GPR30) polyclonal Antibody, Unconjugated 1:100, 90 minutes at 37 °C; followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37 °C for 90 minutes



Tissue/cell: sh-sy5y cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37 °C for 20 min; Antibody incubation with (GPR30) polyclonal Antibody, Unconjugated 1:100, 90 minutes at 37 °C; followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37 °C for 90

minutes

Note:

For research use only, not for use in diagnostic procedure.

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Fax: 6122933841

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