



PRODUCT DATA SHEET

Bioworld Technology, Inc.

NPS polyclonal antibody

Catalog: BS36103

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Neuropeptide S: Ligand for NPSR1 . Binds to its receptor with nanomolar affinity and initiates a G(q)/GNAQ-dependent phospholipase C-activating signaling pathway. This results in Ca(2+) mobilization from intracellular stores and increased intracellular Ca(2+) levels . In addition to this pathway, NPS binding to its receptor activates cAMP/PKA signal transduction . Finally, both pathways converge to activate ERK1/ERK2 phosphorylation and signaling cascade . Modulates arousal and anxiety. May play an important anorexigenic role (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~523 kDa

Swiss-Prot:

P0C0P6

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of NPS protein

DATA:

Western blot analysis of UQCRQ expression in H460 (A) whole cell lysates.

Note:

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

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