

Neuropeptide Y Recombinant Antibody [PSH16-52] - Guinea pig IgG2 (Chimeric)

HA601560



Product Type:	Recombinant Chimeric Antibody, primary antibodies
Species reactivity:	Mouse
Applications:	IHC-Fr
Molecular Wt:	Predicted band size: 11 kDa
Clone number:	PSH16-52

Description: Neuropeptide Y (NPY) is a 36-amino acid neuropeptide that is involved in various physiological and homeostatic processes in both the central and peripheral nervous systems. It is secreted alongside other neurotransmitters such as GABA and glutamate. In the autonomic system it is produced mainly by neurons of the sympathetic nervous system and serves as a strong vasoconstrictor and also causes growth of fat tissue. In the brain, it is produced in various locations including the hypothalamus, and is thought to have several functions, including: increasing food intake and storage of energy as fat, reducing anxiety and stress, reducing pain perception, affecting the circadian rhythm, reducing voluntary alcohol intake, lowering blood pressure, and controlling epileptic seizures.

Subcellular location: Secreted, Cytoplasmic vesicle, secretory vesicle, neuronal dense core vesicle.

Database links: SwissProt: P57774 Mouse

Recommended Dilutions:
IHC-Fr 1:200

Storage Buffer: 1*PBS (pH7.4), 0.1% BSA, 40% Glycerol, 0.2% Proclean 950.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn

Images

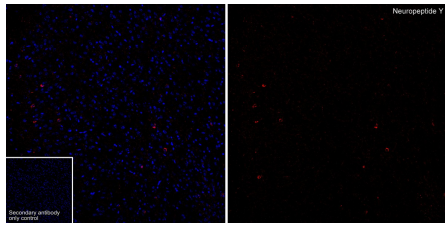


Fig1: Application: IHC-Fr

Species: Mouse

Site: cerebral cortex

Sample: Frozen section

Antibody concentration: 1/200

Antigen retrieval: Not required

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

Background References

1. Sánchez ML et al. Neuropeptide Y Peptide Family and Cancer: Antitumor Therapeutic Strategies. *Int J Mol Sci.* 2023 Jun
2. Chen Z et al. Neuropeptide Y-Mediated Gut Microbiota Alterations Aggravate Postmenopausal Osteoporosis. *Adv Sci (Weinh).* 2023 Nov

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn