

For Research Use Only

ACTH Recombinant monoclonal antibody, PBS Only

Catalog Number: 82498-2-PBS



Basic Information

Catalog Number:

82498-2-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC065832

GeneID (NCBI):

5443

UNIPROT ID:

P01189

Full Name:

proopiomelanocortin

Calculated MW:

267 aa, 29 kDa

Purification Method:

Protein A purification

CloneNo.:

250672H3

Applications

Tested Applications:

IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Pro-opiomelanocortin (POMC) is a prohormone that encodes multiple smaller peptide hormones within its structure. POMC plays important roles in many pathological and physiological processes, including regulating energy metabolism, immune reactions, and sexual functions. POMC expression differs quantitatively and qualitatively among most normal tissues. The large molecule of POMC is the source of several important biologically active substances. POMC can be cleaved enzymatically into the following peptides: d NPP, γ -MSH, ACTH, α -MSH, CLIP, Lipotropin β , Lipotropin γ , β -MSH, β endorphin and Met-enkephalin.

Storage

Storage:

Store at -80°C .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

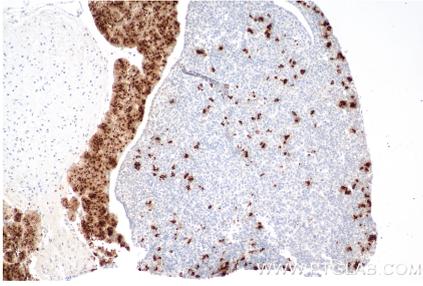
T: 4006900926

E: Proteintech-CN@ptglab.com

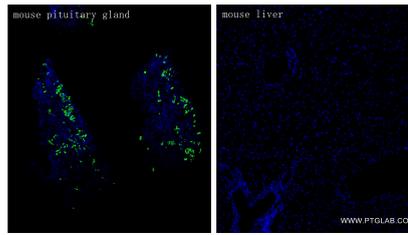
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse pituitary gland tissue slide using 82498-2-RR (POMC antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82498-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse pituitary gland tissue using POMC antibody (82498-2-RR, Clone: 250672H3) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82498-2-PBS in a different storage buffer formulation.