SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

POMC recombinant monoclonal antibody, clone r57

Catalog Number: RAB03784

Regulatory Status: For research use only (RUO)

Product Description: Mouse recombinant monoclonal antibody raised against synthetic peptide corresponding to an N-terminal peptide (within AA 1-24) from the Synacthen/ACTH region of human POMC.

Clone Name: r57

Immunogen: Original antibody is raised against a synthetic peptide corresponding to an N-terminal peptide (within AA 1-24) from the Synacthen/ACTH region of human POMC

Antibody Species: Mouse

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Conjugation: Unconjugated

Purification: Protein G affinity chromatography

Concentration: 0.2 mg/mL

Isotype: IgG1

Recommend Usage: Flow cytometry (0.5-1 ug/million cells in 0.1mL)
Immunofluorescence (0.5-1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(0.5-1 ug/mL for 30 minutes at RT)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, 0.1 mg/ml BSA, 0.05% sodium azide

Storage Instruction: Store at 2~8°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5443

Gene Symbol: POMC

Gene Alias: ACTH, CLIP, LPH, MSH, NPP, POC

Gene Summary: This gene encodes a polypeptide hormone precursor that undergoes extensive, tissue-specific, post-translational processing via cleavage by subtilisin-like enzymes known as prohormone convertases. There are eight potential cleavage sites within the polypeptide precursor and, depending on tissue type and the available convertases, processing may yield as many as ten biologically active peptides involved in diverse cellular functions. The encoded protein is synthesized mainly in corticotroph cells of the anterior pituitary where four cleavage sites are used; adrenocorticotrophin, essential for normal steroidogenesis and the maintenance of normal adrenal weight, and lipotropin beta are the major end products. In other tissues, including the hypothalamus, placenta, and epithelium, all cleavage sites may be used, giving rise to peptides with roles in pain and energy homeostasis, melanocyte stimulation, and immune modulation. These include several distinct melanotropins, lipotropins, and endorphins that are contained within the adrenocorticotrophin and beta-lipotropin peptides. Mutations in this gene have been associated with early onset obesity, adrenal insufficiency, and red hair pigmentation. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]