

ACTH Blocking Peptide
Catalog # PBV10518b**Specification**

ACTH Blocking Peptide - Product Information

Primary Accession [P01189](#)
Calculated MW **29424**

ACTH Blocking Peptide - Additional Information

Gene ID 5443

Application & Usage

The peptide is used for blocking the antibody activity of ACTH (Cat. No. A1051-100). It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Pro-opiomelanocortin, POMC, Corticotropin-lipotropin, NPP, Melanotropin gamma, Gamma-MSH, Potential peptide, Corticotropin, Adrenocorticotrophic hormone, ACTH, Melanotropin alpha, Alpha-MSH, Corticotropin-like intermediary peptide, CLIP, Lipotropin beta, Beta-LPH, Lipotropin gamma, Gamma-LPH, Melanotropin beta, Beta-MSH, Beta-endorphin, Met-enkephalin, POMC

Target/Specificity

ACTH

Formulation

50 µg (0.5 mg/ml) in PBS (pH 7.2) with 0.01 % BSA, 0.03 % ProClin® and 50 % glycerol

Background Descriptions**Precautions**

ACTH Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

ACTH Blocking Peptide - Protein Information

Name POMC

Function

[Corticotropin]: Stimulates the adrenal glands to release cortisol. [Melanocyte-stimulating hormone beta]: Increases the pigmentation of skin by increasing melanin production in melanocytes. [Met-enkephalin]: Endogenous opiate.

Cellular Location

Secreted {ECO:0000250|UniProtKB:P01193}. Note=Melanocyte-stimulating hormone alpha and beta-endorphin are stored in separate granules in hypothalamic POMC neurons, suggesting that secretion may be under the control of different regulatory mechanisms {ECO:0000250|UniProtKB:P01193}

Tissue Location

ACTH and MSH are produced by the pituitary gland.

ACTH Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACTH Blocking Peptide - Images