

Datasheet for ABIN5009047

**anti-POMC antibody (AA 237-267) (AbBy Fluor® 750)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | POMC                                                                                                                           |
| Binding Specificity: | AA 237-267                                                                                                                     |
| Reactivity:          | Mouse, Rat                                                                                                                     |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This POMC antibody is conjugated to AbBy Fluor® 750                                                                            |
| Application:         | Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human POMC |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Mouse, Rat                                               |
| Predicted Reactivity: | Human,Cow,Sheep                                          |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | POMC                                   |
| Alternative Name: | POMC ( <a href="#">POMC Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: LPH, MSH, NPP, POC, ACTH, CLIP, Pro-opiomelanocortin, POMC, Corticotropin-lipotropin<br>Background: ACTH stimulates the adrenal glands to release cortisol. MSH (melanocyte-stimulating hormone) increases the pigmentation of skin by increasing melanin production in melanocytes. Beta-endorphin and Met-enkephalin are endogenous opiates. |
| Gene ID:    | 5443                                                                                                                                                                                                                                                                                                                                                     |
| UniProt:    | <a href="#">P01189</a>                                                                                                                                                                                                                                                                                                                                   |
| Pathways:   | <a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Hormone Activity</a> , <a href="#">Feeding Behaviour</a>                                                                                                                                                                         |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |