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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# POMC Polyclonal Antibody

Catalog Number: E-AB-40635



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

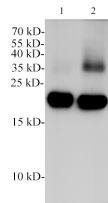
## Description

<b>Reactivity</b>	Mouse,Rat
<b>Immunogen</b>	Synthetic peptide.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide,50% glycerol,pH 7.4

## Applications Recommended Dilution

<b>WB</b>	1:1000-1:2000
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## Data



Western blotting with anti-POMC polyclonal Antibody at dilution of 1:1000. Lane 1: Mouse pituitary lysates, lane 2: Rat pituitary lysate.

**Observed Mw:35 kDa, 16 kDa**

**Calculated Mw:29 kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Pro-opiomelanocortin (POMC) is a precursor protein expressed in the pituitary and the brain where it is processed into several peptide hormones and neuropeptides. Among these peptides are ACTH, $\alpha$ - and  $\beta$ -MSH, $\beta$ - and  $\gamma$ -LPH,CLIP, $\beta$ -endorphin,and N-POMC. POMC is involved in hypothalamic circuits regulating feeding behavior and POMC-producing neurons promote satiety. POMC neurons are also the target of leptin and insulin for the promotion of the browning of white fat.

## For Research Use Only

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