POMC Polyclonal Antibody

catalog number: **E-AB-40635**

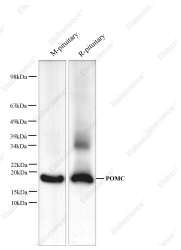
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse;Rat
Immunogen	Synthetic peptide.
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:1000-1:2000

Data



Western blot with Anti POMC Polyclonal antibody at dilution of 1:1000. Lane 1:Mouse pituitary tissue lysate,Lane 2:Rat pituitary tissue lysate.

Observed-MW:35 kDa, 16 kDa

Calculated-MW:29 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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,α- and β-MSH,β-and γ-LPH,CLIP, β-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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com