POMC Polyclonal Antibody

catalog number: **E-AB-53251**

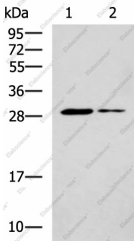
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human POMC
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:50

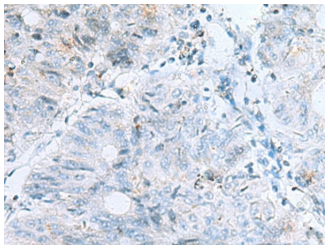
Data



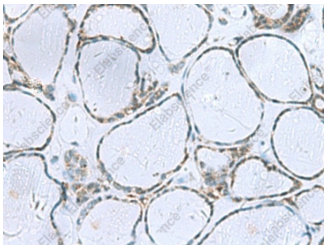
Western blot analysis of Mouse liver tissue and Mouse skeletal muscle tissue lysates using POMC Polyclonal Antibody at dilution of 1:800

Observed-MW:Refer to figures

Calculated-MW:29 kDa



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using POMC Polyclonal Antibody at dilution of 1:35(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using POMC Polyclonal Antibody at dilution of 1:35(×200)

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

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

Pro-opiomelanocortin (POMC) is a prohormone that encodes multiple smaller peptide hormones within its structure. POMC plays important roles in many pathological and physiological processes,including regulating energy metabolism,immune reactions,and sexual functions. POMC expression differs quantitatively and qualitatively among most normal tissues. The large molecule of POMC is the source of several important biologically active substances. POMC can be cleaved enzymatically into the following peptides: d NPP,γ-MSH,ACTH,α-MSH,CLIP,Lipotropin β, Lipotropin γ,β-MSH,β endorphin and Met-enkephalin.

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