

Datasheet for ABIN6251838
anti-POMC antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	POMC
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This POMC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	An N-terminal peptide from the ACTH region of human POMC was used as the immunogen for this POMC antibody.
Clone:	57
Isotype:	IgG1
Purification:	Protein G affinity chromatography

Target Details

Target:	POMC
Alternative Name:	POMC (POMC Products)

Target Details

Background:	POMC (pro-opiomelanocortin or corticotropin-lipotropin) is a 267 amino acid polypeptide hormone precursor that goes through extensive, tissue-specific posttranslational processing by convertases. POMC is cleaved into ten hormone chains named NPP, ACTH, alpha-MSH (Melanocyte Stimulating Hormone), beta-MSH, gamma-MSH, CLIP (corticotropin-like intermediary peptide), Lipotropin-beta, Lipotropin-gamma, beta-endorphin and Met-enkephalin.
Gene ID:	5443
UniProt:	P01189
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Peptide Hormone Metabolism , Hormone Activity , Feeding Behaviour

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 0.5-1 µg/mL Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1) The optimal dilution of the ACTH antibody for each application should be determined by the researcher. 1. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS with 0.1 mg/mL BSA and 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Aliquot and Store at -20C. Avoid freez-thaw cycles.