

Rabbit POMC Polyclonal Antibody | anti-POMC antibody

POMC Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176767	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

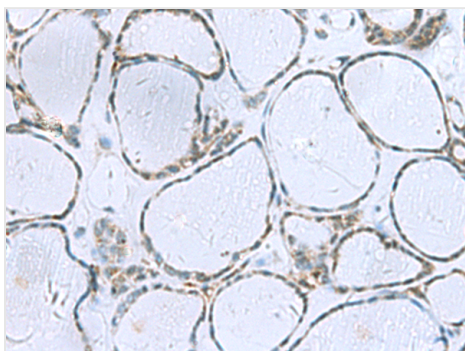
PRODUCT SYNONYMS

POMC; Polyclonal Antibody; POMC Polyclonal Antibody; ACTH; Adrenocorticotrophic hormone; Adrenocorticotropin; Alpha melanocyte stimulating hormone; Alpha-MSH; AlphaMSH; Beta LPH; Beta melanocyte stimulating hormone; Beta-endorphin; Beta-MSH; CLIP; Corticotropin; Corticotropin lipotropin; Corticotropin-like intermediary peptide; Gamma LPH; Gamma-MSH; Lipotropin beta; Lipotropin gamma; Lipotropin; Included; LPH; Melanocyte-stimulating hormone; Melanotropin alpha; Melanotropin beta; Melanotropin gamma; Melanotropin; Met-enkephalin; MSH; NPP; Opiomelanocortin prepropeptide; POC; Pomc-1; Pomc1; Pomc2; Pro ACTH endorphin; Pro opiomelanocortin; Pro-opiomelanocortin-alpha; Proopiomelanocortin; Proopiomelanocortin preproprotein; Tetracosactide; anti-POMC antibody

PRODUCT SPECIFICATIONS

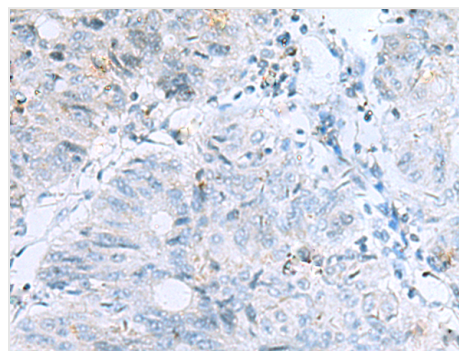
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.96mg/mL (varies by lot)
Sequence Length	267
Applicable Applications for anti-POMC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human POMC
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



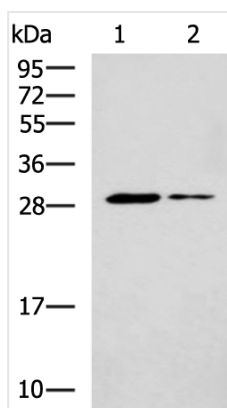
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-POMC antibody	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, gamma-MSH, ACTH, alpha-MSH, CLIP, Lipotropin beta, Lipotropin gamma, beta-MSH, beta endorphin and Met-enkephalin.
Product Categories/Family for anti-POMC antibody	Cancer ; Metabolism ; Neuroscience ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	116880
NCBI GeneID	5443
UniProt Accession #	P01189
Molecular Weight	29 kDa
NCBI Official Full Name	Pro-opiomelanocortin
NCBI Official Synonym Full Names	proopiomelanocortin
NCBI Official Symbol	POMC
NCBI Official Synonym Symbols	LPH; MSH; NPP; POC; ACTH; CLIP; OBAIRH
NCBI Protein Information	pro-opiomelanocortin
UniProt Protein Name	Pro-opiomelanocortin
UniProt Gene Name	POMC
UniProt Synonym Gene Names	POMC; ACTH; CLIP
UniProt Entry Name	COLI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pomc-antibody-immunohistochemistry-western-blot-elisa/176767>