

Anti-POMC antibody (1-100) (STJ25054)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

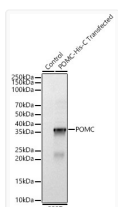
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 29kDa Observed Mw: 35kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

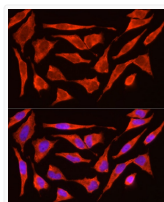
Gene ID	5443
Gene Symbol	POMC
UniProt ID	COL1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MPRSCSRSGALLLALLQA SMEVRGWCLESSQCQDLTTE SNLLECIRACKPDLAETPM FPGNGDEQPLTENPRKYVMG HFRWDRFGRNRSSSSGSSGA
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human POMC (NP_000930.1).

ADDITIONAL INFORMATION

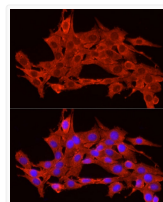
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of 293F-POMC-His-C, using POMC rabbit polyclonal antibody (STJ25054) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of HeLa cells using POMC rabbit polyclonal antibody (STJ25054) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using POMC rabbit polyclonal antibody (STJ25054) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.