

10-7598: Monoclonal antibody to CLIP (Clone: ABM52H4)

Clonality :	Monoclonal
Clone Name :	ABM52H4
Application :	WB
Reactivity :	Human
Gene :	POMC
Gene ID :	5443
Uniprot ID :	P01189
Format :	Purified
Alternative Name :	POMC
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	A synthetic peptide corresponding to amino acids 156-176 (CLIP region) of POMC was used as an immunogen for this antibody.

Description

CLIP is a precursor of number of melanocortin peptides such as adrenocorticotrophic hormone and the melanocyte stimulating hormones (including alpha-MSH). These peptides are differentially produced within neurons by expression of specific cleavage enzymes. This protein is synthesised in neurons located in two main clusters in the mammalian brain—in the ARC(Arcuate Nucleus) of the hypothalamus and a smaller group of neurons in the NTS (Nucleus Of The Solitary Tract). CLIP deficiency causes severe obesity that begins at an early age. In addition to obesity, people with this condition have low levels of a hormone known as ACTH (Adrenocorticotrophic Hormone) and tend to have red hair and pale skin.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 µg/ml

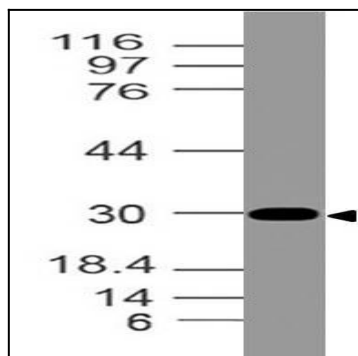


Fig:1- Expression analysis of CLIP. Anti-CLIP antibody (Clone: ABM52H4) was tested at 1 μ g/ml on h SKM lysate.