



# Rabbit Anti-Human ACTH monoclonal antibody, clone 0I6M8 (CABT-L1178)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	ACTH
Immunogen	Peptide corresponding to amino acids 147-172 of human ACTH
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	0I6M8
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ELISA, FC, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

**Introduction**

ATCH (adrenocorticotrophic hormone) is a hormone which plays a major role in stimulating the adrenal cortex. It is formed through cleavage of the polypeptide precursor proopiomelanocortin (POMC), which also results in several other cleavage products including MSH, ACTH, and beta endorphin. ATCH is secreted from the anterior pituitary in response to the corticotropin-releasing hormone from the hypothalamus. It stimulates the secretion of glucocorticoids like cortisol, but has little control over the stimulation of mineralocorticoids like aldosterone, which is another major hormone of the adrenal cortex.

**Keywords**

ACTH;Adrenocorticotrophic hormone;corticotropin;Acortan;Acthar;Acton;Cortigel;Trofocortina