

Product datasheet for **BP5035**

ACTH (POMC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Western Blot. Immunocytochemistry. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections (No Proteolytic pretreatment required). <i>Working Dilution:</i> 1/50-1/100 (based on the normal ABC Method). <i>Dilution Buffer:</i> Dilute immediately before use with PBS or Tris-buffered saline. <i>Recommended Positive Control:</i> pituitary gland.
Reactivity:	Human, Mouse, Porcine, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic ACTH.
Specificity:	This antibody recognizes ACTH. Antigen Localization: Cytoplasm.
Formulation:	PBS or Tris buffered saline. State: Serum State: Liquid Serum
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	proopiomelanocortin
Database Link:	Entrez Gene 5443 Human P01189



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Background:

ACTH may occur in pituitary adenomas, medullary thyroid carcinomas, bronchial carcinoids, pancreatic islet cell tumors and gastric carcinoids. It regulates the corticosteroid production in the adrenal cortex. Beta endorphin and Met enkephalin are endogenous opiates. MSH (melanocyte stimulating hormone) increases the pigmentation of skin by increasing melanin production in melanocytes.

Synonyms:

Corticotropin, Adrenocorticotropic hormone, POMC