

Human pro-opiomelanocortin/ adrenocorticotrophic hormone monoclonal antibody

Catalog PODI-0006

Lot 25280.3

Product description

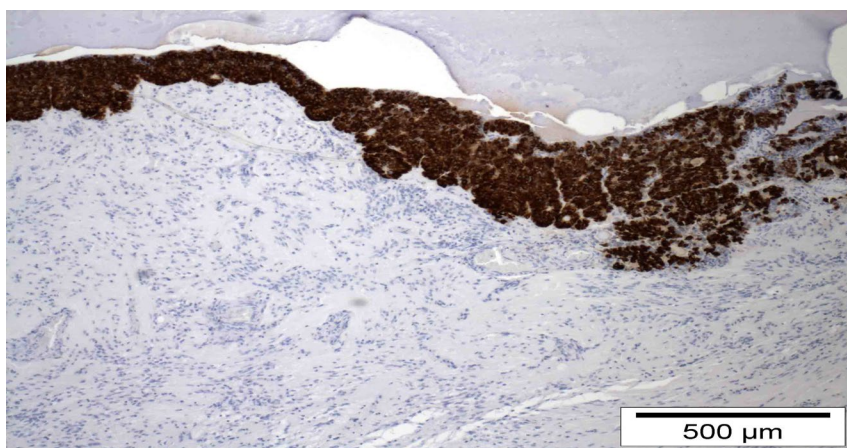
Adrenocorticotrophic hormone (ACTH) is a 39 amino acid peptide that corresponds to amino acids 138-176 in proopiomelanocortin (POMC), a 267 amino acid precursor protein that is proteolytically cleaved into several peptide hormones. ACTH is produced in the adenohypophysis and it exerts its effect by binding to a G-protein coupled receptor on the cell surface. It stimulates secretion of glucocorticoid steroid hormones from adrenal cortex cells

Product type:	Primary antibodies
Clone number:	2F6H11
Immunogen:	Synthetic peptide SYSMEHFRWGKPVGKKRRPVKVYP corresponding to amino acids 1-24 in human ACTH, conjugated to KLH
Reacts with:	Human, Mouse, Rat, Dog, Pig
Tested applications:	ELISA, IHC, IHC-Fr, IHC-P
Purity:	Protein G affinity purified, >95%
Isotype:	IgG1
Light chain type:	Kappa
Storage buffer:	PBS
Form:	Liquid
Concentration:	0.5 mg/ml

Storage and stability

Store at 4 °C, short term (1-2 weeks).
For long-term storage, aliquot and keep at or below -20° C. Avoid repeated freeze-thaw cycles

Data



Localization of ACTH on formalin-fixed, paraffin-embedded dog hypophysis using anti-ACTH clone 2F6H11 and DAB as chromogen.

References

Hanson JM, Mol JA, Meij BP. Expression of leukemia inhibitory factor and leukemia inhibitory factor receptor in the canine pituitary gland and corticotrope adenomas. *Domestic Animal Endocrinology* 38, 260-271 (2010).

Fracassi F, Mandrioli L, Diana A, Hilbe M, Grinwis G, Gandini. Pituitary macroadenoma in a cat with diabetes mellitus, hypercortisolism and neurological signs. *J Vet. Medicine* 54, 359-363 (2007).

PRODUCT USE LIMITATIONS, WARRANTY, DISCLAIMER

ImmunoPrecise Antibodies Europe BV products contain chemicals which may be harmful if misused. Due care should be exercised with all ImmunoPrecise Antibodies Europe BV products to prevent direct human contact. All products are intended For Research Use Only and ARE NOT ALLOWED FOR USE IN HUMANS. Each ImmunoPrecise Antibodies Europe BV product is shipped with documentation stating specifications and other technical information. ImmunoPrecise Antibodies Europe BV products are warranted to meet or exceed the stated specifications. ImmunoPrecise Antibodies Europe BV's sole obligation and the customer's sole remedy is limited to replacement of products free of charge in the event products fail to perform as warranted. ImmunoPrecise Antibodies Europe BV makes no other warranty of any kind whatsoever, and SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES OF ANY KIND OR NATURE WHATSOEVER, DIRECTLY OR INDIRECTLY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, AS TO THE SUITABILITY, PRODUCTIVITY, DURABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE, MERCHANTABILITY, CONDITION, OR ANY OTHER MATTER WITH RESPECT TO ImmunoPrecise Antibodies Europe BV PRODUCTS. In no event shall ImmunoPrecise Antibodies Europe BV be liable for claims for any other damages, whether direct, incidental, foreseeable, consequential, or special (including but not limited to loss of use, revenue or profit), whether based upon warranty, contract, tort (including negligence) or strict liability arising in connection with the sale or the failure of ImmunoPrecise Antibodies Europe BV products to perform in accordance with the stated specifications.