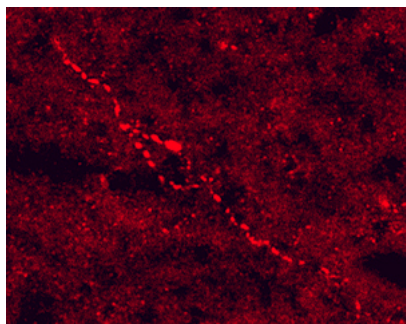


Rabbit polyclonal antibody to Adrenocorticotrophic hormone (1-24): Affinity purified

Catalogue No.:	R-1491-50
Description:	Adrenocorticotrophic hormone (ACTH) is cleaved from the precursor pro-opiomelanocortin (POMC). The hormone is produced and secreted by the pituitary gland and stimulates release of cortisol by adrenal glands.
Batch No.:	See product label
Unit size:	50 ug
Antigen:	Porcine Adrenocorticotrophic hormone (ACTH) conjugated to BSA
Sequence:	SYSMEHFRWGKPVGRKRRPVKVYP
Antigen Location:	1-24 aa
Other Names:	Corticotropin; ACTH; Pro-opiomelanocortin; POMC;
Accession:	P01192 COLI_PIG; P01189 COLI_HUMAN;
Produced in:	Rabbit
Applications:	A dilution of 5-10 ug/mL is recommended for immunohistochemistry using formalin fixed and paraffin embedded tissues and for 4% paraformaldehyde fixed frozen tissues. A dilution of 5-15 ug/mL is recommended for immunofluorescence. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Antibody Against:	Adrenocorticotrophic hormone
Cross-reactivity:	Human; mouse; rat; ACTH is highly conserved so cross-reactivity with other species is expected.
Form:	Lyophilised with BSA
Appearance:	White powder
Reconstitution:	Reconstitute in 0.05 mL of PBS (pH 7.4) to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability and at 2-8C with an appropriate antibacterial agent. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase



Immunohistochemical staining in rat hypothalamus. 4% paraformaldehyde fixed rat brain cryostat sections (10 μ m) were incubated overnight at 4°C with Rabbit polyclonal antibody to Adrenocorticotrophic hormone (5 μ g/ml) followed by incubation with donkey anti-rabbit Rhodamine Red conjugated secondary antibody (1:200).

FOR RESEARCH USE ONLY