# antibodies -online.com







# anti-POMC antibody (AA 138-150)





Publication



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Quantity:	50 μL	
Target:	POMC	
Binding Specificity:	AA 138-150	
Reactivity:	Human, Sheep	
Host:	Guinea Pig	
Clonality:	Polyclonal	
Conjugate:	This POMC antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)	

# **Product Details**

Purpose:	Guinea pig polyclonal antibody raised against synthetic peptide of POMC (alpha).	
Immunogen:	A synthetic peptide (conjugated with carrier protein) corresponding to amino acids 138-150 of human POMC (alpha).	
Sequence:	SYSMEHFRWG KPV	
Cross-Reactivity:	Human, Sheep	
Purification:	Purified	

# **Target Details**

Target:	POMC
Alternative Name:	POMC (POMC Products)

#### **Target Details**

Target Details		
Gene ID:	5443	
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Peptide Hormone Metabolism, Hormone Activity, Feeding Behaviour	
Application Details		
Application Notes:	Immunohistochemistry (1:2000)  The optimal working dilution should be determined by the end user.	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Buffer:	Lyophilized from PBS	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C on dry atmosphere.	

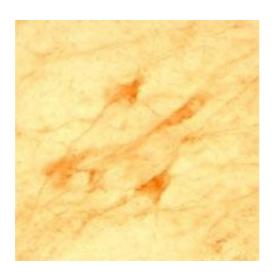
After reconstitution with deionized water, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

# **Publications**

Product cited in:

Grayson, Allen, Billes, Williams, Smith, Grove: "Prenatal development of hypothalamic neuropeptide systems in the nonhuman primate." in: **Neuroscience**, Vol. 143, Issue 4, pp. 975-86, (2006) (PubMed).



# **Immunohistochemistry**

**Image 1.** The cryostat section of the sheep hypothalamus was incubated in POMC (alpha) polyclonal antibody at the dilution of 1:1000 overnight followed by incubation with FITC labeled secondary antibodies. The figure shows staining of cells in the sheep brain when no pre-absorption is performed.