

Datasheet for ABIN542611
anti-POMC antibody (AA 138-150)[Go to Product page](#)

1 Image

1 Publication

Overview

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

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).
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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.