

# Product Datasheet

## ACTH Antibody NBP1-78332

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-78332**

## ACTH Antibody

Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Please contact technical support for detailed reconstituion instruction.
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	5443
Gene Symbol	POMC
Species	Rat
Reactivity Notes	Reacts with rat. Not yet tested in other species.
Immunogen	Adrenocorticotrop hormone (ACTH) corresponding to amino acids (1-39) generated against porcine pituitary
Notes	Fixative: 4% paraformaldehyde in 0.1M Phosphate buffer, pH 7.4; 500 mL over ~ 20 min. Post Fixation: 1.5 hour at 4C in 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4. Note: If needed, low levels of glutaraldehyde (0.1-0.3%) may be used in conjunction with paraformaldehyde.

Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	The antibody produces significant fluorescein staining at a 1/100 - 1/200 dilution and a significant biotin-avidin/HRP staining at a 1/2,000 - 1/4,000 dilution in rat anterior/intermediate pituitary. Optimal dilution will vary depending upon fixation, labeling technique and/or detection system; therefore, a dilution series is recommended. Staining is completely eliminated by pretreatment of the diluted antibody with 100 ug/mL of ACTH.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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