

# Product Datasheet

## ABHD4 Antibody NBP1-06009

Unit Size: 0.1 mg

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

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**NBP1-06009**

ABHD4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	63874
Gene Symbol	ABHD4
Species	Human, Mouse, Canine
Immunogen	Peptide with sequence C-RPTNPSEIRAP corresponding to internal region according to NP_071343.2.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Preliminary experiments gave an approx. 48 kDa band in human brain (cerebellum, cerebral cortex and frontal cortex) lysates after 1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 38.8 kDa band according to NP_071343.2. The 48 kDa band was successfully blocked by incubation with the immunizing peptide.

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**Publications**

Simon GM, Cravatt BF. Endocannabinoid biosynthesis proceeding through glycerophospho-N-acyl ethanolamine and a role for alpha/beta-hydrolase 4 in this pathway. J Biol Chem 2006-09-08 [PMID: 16818490]





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### **Products Related to NBP1-06009**

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NBL1-07198	ABHD4 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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