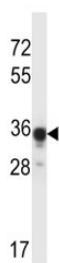


## ABHD4 Antibody (F43151)

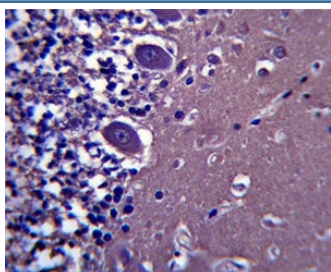
Catalog No.	Formulation	Size
F43151-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43151-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Bovine
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q8TB40
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
<b>Limitations</b>	This ABHD4 antibody is available for research use only.



ABHD4 antibody western blot analysis in mouse kidney tissue lysate. Predicted molecular weight ~39 kDa.



ABHD4 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue.

## Description

Lysophospholipase selective for N-acyl phosphatidylethanolamine (NAPE). Contributes to the biosynthesis of N-acyl ethanolamines, including the endocannabinoid anandamide by hydrolyzing the sn-1 and sn-2 acyl chains from N-acyl phosphatidylethanolamine (NAPE) generating glycerophospho-N-acyl ethanolamine (GP-NAE), an intermediate for N-acyl ethanolamine biosynthesis. Hydrolyzes substrates bearing saturated, monounsaturated, polyunsaturated N-acyl chains. Shows no significant activity towards other lysophospholipids, including lysophosphatidylcholine, lysophosphatidylethanolamine and lysophosphatidylserine (By similarity).

## Application Notes

Titration of the ABHD4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 98-127 from the human protein was used as the immunogen for this ABHD4 antibody.

## Storage

Aliquot the ABHD4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.