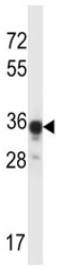
ABHD4 Antibody (F43151)

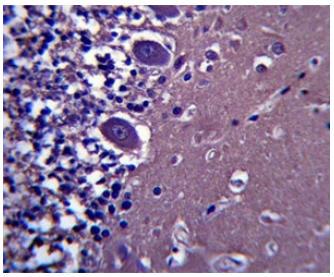
Catalog No.	Formulation	Size
F43151-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43151-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8TB40
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	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.