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Datasheet for ABIN880934
anti-ABHD4 antibody (AA 32-110) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	ABHD4
Binding Specificity:	AA 32-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABHD4 antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ABHD4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ABHD4
Alternative Name:	ABHD4 (ABHD4 Products)
Background:	Synonyms: ABH4, Abhd4, ABHD4_HUMAN, Abhydrolase domain containing 4, Abhydrolase

Target Details

domain-containing protein 4, Alpha/beta hydrolase 4, Alpha/beta-hydrolase 4, FLJ12816, Lyso N acylphosphatidylethanolamine lipase, Lyso-N-acylphosphatidylethanolamine lipase.

Background: 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 glyceron-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.

Gene ID: 63874

Application Details

Application Notes: IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months