

ARG64634 anti-ABHD12 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ABHD12
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognize isoform a (NP_001035937.1) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ABHD12
Species	Human
Immunogen	C-REFLGKSEPEHQH
Conjugation	Un-conjugated
Alternate Names	C20orf22; Monoacylglycerol lipase ABHD12; dJ965G21.2; EC 3.1.1.23; 2-arachidonoylglycerol hydrolase; Abhydrolase domain-containing protein 12; BEM46L2; PHARC; ABHD12A

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Database links	GeneID: 499913 Rat GeneID: 76192 Mouse Swiss-port # Q6AYT7 Rat Swiss-port # Q99LR1 Mouse
Background	This gene encodes an enzyme that catalyzes the hydrolysis of 2-arachidonoyl glycerol (2-AG), the main endocannabinoid lipid transmitter that acts on cannabinoid receptors, CB1 and CB2. The endocannabinoid system is involved in a wide range of physiological processes, including neurotransmission, mood, appetite, pain appreciation, addiction behavior, and inflammation. Mutations in this gene are associated with the neurodegenerative disease, PHARC (polyneuropathy, hearing loss, ataxia, retinitis pigmentosa, and cataract), resulting from an inborn error of endocannabinoid metabolism. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jan 2011]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody
Calculated Mw	45 kDa
PTM	Glycosylated.

Images



ARG64634 anti-ABHD12 antibody WB image

Western Blot: Mouse Brain lysate (35µg/ protein in RIPA buffer) stained with ARG64634 anti-ABHD12 antibody at 0.3µg/ ml dilution.