

ABHD12 Polyclonal Antibody

Catalog Number:E-AB-91864



Note: Centrifuge before opening to ensure complete recovery of vial contents.

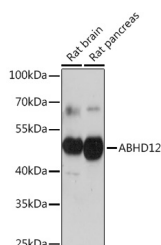
Description

Reactivity	Human,Rat
Immunogen	Recombinant fusion protein of human ABHD12
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.01% thiomersal,50% glycerol,pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western blot analysis of extracts of various cell lines
using ABHD12 Polyclonal Antibody at 1:1000
dilution.

Observed MW:45kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze/thaw cycles.

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]

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