

Anti-Human/Mouse ABHD2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02955

3th Edition

Description:ABHD2 encodes a protein containing an alpha/beta hydrolase fold, which is a catalytic domain found in a wide range of enzymes. The encoded protein is an acylglycerol lipase that catalyzes the hydrolysis of endocannabinoid arachidonoylglycerol from the cell membrane. This leads to activation of the sperm calcium channel CatSper, which results in sperm activation. Alternative splicing of this gene results in two transcript variants encoding the same protein.ABHD2 (Abhydrolase Domain Containing 2) is a Protein Coding gene. GO annotations related to this gene include carboxylic ester hydrolase activity. An important paralog of this gene is ABHD3.

Antigen:Synthesized peptide derived from the Internal region of human ABHD2

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Present in sperm (at protein level).