Datasheet for ABIN6136385

# anti-ABHD5 antibody (AA 1-349)

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## 1 Publication

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | ABHD5 |
| Binding Specificity: | AA 1-349 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ABHD5 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-349 of human ABHD5 (NP_057090.2). |
| Sequence: | MAAEEEEVDS ADTGERSGWL TGWLPTWCPT SISHLKEAEE KMLKCVPCTY KKEPVRISNG NKIWTLKFSH NISNKTPLVL LHGFGGGLGL WALNFGDLCT NRPVYAFDLL GFGRSSRPRF DSDAEEVENQ FVESIEEWRC ALGLDKMILL GHNLGGFLAA AYSLKYPSRV NHLILVEPWG FPERPDLADQ DRPIPVWIRA LGAALTPFNP LAGLRIAGPF GLSLVQRLRP DFKRKYSSMF EDDTVTEYIY HCNVQTPSGE TAFKNMTIPY GWAKRPMLQR IGKMHPDIPV SVIFGARSCI DGNSGTSIQS LRPHSYVKTI AILGAGHYVY ADQPEEFNQK VKEICDTVD |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Polyclonal Antibodies |

## Product Details

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| Purification: | Affinity purification |

## Target Details

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| Target: | ABHD5 |
| Alternative Name: | ABHD5 (ABHD5 Products) |
| Background: | The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta hydrolase fold, and contains three sequence motifs that correspond to a catalytic triad found in the esterase/lipase/thioesterase subfamily. It differs from other members of this subfamily in that its putative catalytic triad contains an asparagine instead of the serine residue. Mutations in this gene have been associated with Chanarin-Dorfman syndrome, a triglyceride storage disease with impaired long-chain fatty acid oxidation.,ABHD5,CDS,CGI58,IECN2,NCIE2,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Endocrine and metabolic diseases,Obesity,Cardiovascular,Lipids,Adipose Related,Fatty Acids,ABHD5 |
| Molecular Weight: | 39 kDa |
| Gene ID: | 51099 |
| UniProt: | Q8WTS1 |
| Pathways: | Lipid Metabolism |

## Application Details

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| Application Notes: | WB,1:200 - 1:2000 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |

## Handling

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

## Publications

| | |
|---|---|
| Product cited in: | Liu, Lou, Li, Xu, Ruan, Xiao, Qiu, Bao, Yuan, Huang, Wang, Cao, Chen, Yang, Zhang: "Calpain and AR-V7: Two potential therapeutic targets to overcome acquired docetaxel resistance in castration-resistant prostate cancer cells." in: **Oncology reports**, Vol. 37, Issue 6, pp. 3651-3659, (2018) (PubMed). |

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