

Datasheet for ABIN629839

anti-ABHD5 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ABHD5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABHD5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ABHD5 antibody was raised using the N terminal of ABHD5 corresponding to a region with amino acids NRPVYAFDLLGFGRSSRPRFDSDAEEVENQFVESIEEWRCALGLDKMILL
Specificity:	ABHD5 antibody was raised against the N terminal of ABHD5
Purification:	Purified

Target Details

Target:	ABHD5
Alternative Name:	ABHD5 (ABHD5 Products)
Background:	ABHD5 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

Target Details

its putative catalytic triad contains an asparagine instead of the serine residue. Mutations in ABHD5 gene have been associated with Chanarin-Dorfman syndrome, a triglyceride storage disease with impaired long-chain fatty acid oxidation.

Molecular Weight: 39 kDa (MW of target protein)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: WB: 5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ABHD5 Blocking Peptide, catalog no. 33R-6861, is also available for use as a blocking control in assays to test for specificity of this ABHD5 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ABHD5 antibody in PBS

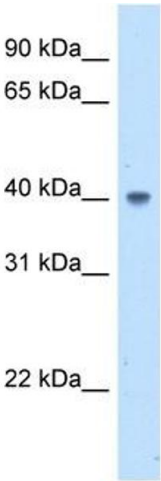
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ABHD5 antibody used at 5 ug/ml to detect target protein.