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Datasheet for ABIN1449818

anti-AHCYL1 antibody (N-Term)

3 Images

Overview

Quantity:	100 µL
Target:	AHCYL1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AHCYL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide directed towards the N terminal of human AHCYL1
Sequence:	TDSYSSAASY TDSSDDEVSP REKQQTNSKG SSNFCVKNIK QAEFGRREIE
Cross-Reactivity (Details):	Species reactivity (expected): Mouse, Rat, Bovine, Chicken, Zebrafish, African clawed frog, Dog, Horse, Rabbit, Guinea pig Species reactivity (tested): Human
Purification:	Purified using peptide immunoaffinity column

Target Details

Target:	AHCYL1
Alternative Name:	AdoHcyase 2 (AHCYL1) (AHCYL1 Products)
Background:	AHCYL1 belongs to the adenosylhomocysteinase family. The protein, an inositol 1,4,5-

Target Details

trisphosphate receptor-binding protein, specifically binds to and activates pancreas-type Na⁺/HCO₃⁻ cotransporter 1 (pNBC1).The regulation through AHCYL1 enables NBC1 variants to have different physiological roles.Synonyms: DC-expressed AHCY-like molecule, DCAL, Putative adenosylhomocysteinase 2, S-adenosyl-L-homocysteine hydrolase 2, S-adenosylhomocysteine hydrolase-like protein 1, XPVKONA

Gene ID: 10768

NCBI Accession: [NP_006612](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Reconstitution: Add 50 µL of distilled water to a final concentration of 1 mg/mL.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

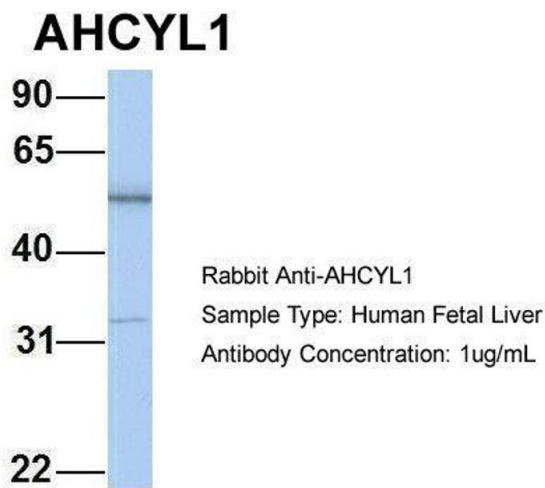
Storage Comment: Store lyophilized at 2-8 °C or at -20 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -20 °C long term.

Images



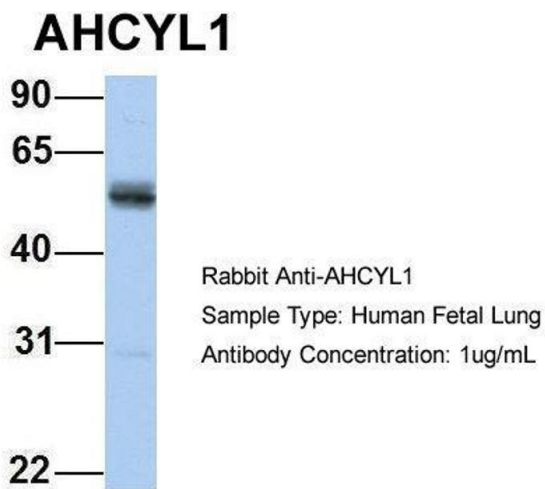
Western Blotting

Image 1. Human Brain; WB Suggested Anti-AHCYL1 Antibody Titration: 0.2-1 µg/ml. ELISA Titer: 1:32500. Positive Control: Human brain; AHCYL1 antibody - N-terminal region in Human Brain cells using Western Blot



Western Blotting

Image 2. Hum. Fetal Liver; Host:Rabbit. Target Name:AHCYL1. Sample Tissue:Human Fetal Liver. Antibody Dilution: 1.0ug/ml.; AHCYL1 antibody - N-terminal region in Hum. Fetal Liver cells using Western Blot



Western Blotting

Image 3. Hum. Fetal Lung; Host:Rabbit. Target Name:AHCYL1. Sample Tissue:Human Fetal Lung. Antibody Dilution: 1.0ug/ml.; AHCYL1 antibody - N-terminal region in Hum. Fetal Lung cells using Western Blot