

#### OriGene Technologies, Inc.

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## Product datasheet for TA332030

### **AHCYL1 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-AHCYL1 Antibody: synthetic peptide directed towards the N terminal of human AHCYL1. Synthetic peptide located within the following region: TDSYSSAASYTDSSDDEVSPREKQQTNSKGSSNFCVKNIKQAEFGRREIE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa
Gene Name:	adenosylhomocysteinase like 1
Database Link:	<u>NP 006612</u> <u>Entrez Gene 10768 Human</u> <u>O43865</u>
Background:	AHCYL1 belongs to the adenosylhomocysteinase family.The protein, an inositol 1,4,5- 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:	DCAL; IRBIT; PPP1R78; PRO0233; XPVKONA
Note:	lmmunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%



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# ORIGENE AHCYL1 Rabbit Polyclonal Antibody – TA332030

Protein Families: Druggable Genome

90-

65-

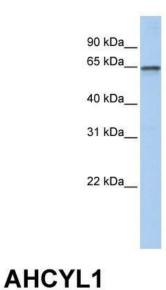
40-

31-

22-

Protein Pathways: Cysteine and methionine metabolism, Metabolic pathways, Selenoamino acid metabolism

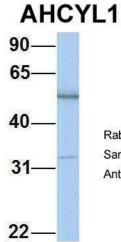
#### **Product images:**



WB Suggested Anti-AHCYL1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 32500; Positive Control: Human brain

Rabbit Anti-AHCYL1 Sample Type: Human Fetal Lung Antibody Concentration: 1ug/mL Host: Rabbit; Target Name: AHCYL1; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0ug/ml

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Rabbit Anti-AHCYL1 Sample Type: Human Fetal Liver Antibody Concentration: 1ug/mL Host: Rabbit; Target Name: AHCYL1; Sample Tissue: Human Fetal Liver; Antibody Dilution: 1.0ug/ml

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