

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TA311248

### P5CS (ALDH18A1) Goat Polyclonal Antibody

### **Product data:**

Product Type:	Primary Antibodies	
Applications:	WB	
Recommended Dilution:	WB: 1-3ug/ml	
Reactivity:	Human, Mouse (Expected from sequence similarity: Rat, Dog, Cow, Pig)	
Host:	Goat	
Clonality:	Polyclonal	
Immunogen:	Peptide with sequence C-SEHGSLKYLH, from the C Terminus of the protein sequence according to NP_002851.2; NP_001017423.1.	
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.Aliquot and store at -20C. Minimize freezing and thawing.	
Concentration:	lot specific	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Conjugation:	Unconjugated	
Storage:	Store at -20°C as received.	
Stability:	Stable for 12 months from date of receipt.	
Gene Name:	aldehyde dehydrogenase 18 family member A1	
Database Link:	<u>NP 002851</u> <u>Entrez Gene 56454 MouseEntrez Gene 361755 RatEntrez Gene 477781 DogEntrez Gene 5832</u> <u>Human</u> <u>P54886</u>	
Synonyms:	ARCL3A; GSAS; P5CS; PYCS	
Protein Families:	Druggable Genome	
Protein Pathways:	Arginine and proline metabolism, Metabolic pathways	



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## **Product images:**

250kDa 150kDa 100kDa 75kDa	
50kDa	
37kDa	
25kDa	(1ug/ml) staining of MCF7 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.
20kDa	
15kDa	

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