

Product datasheet for **TA344349**

ALDH2 Rabbit Polyclonal Antibody

Product data:

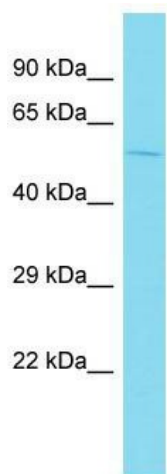
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-Aldh2 antibody is synthetic peptide directed towards the C-terminal region of Mouse Aldh2. Synthetic peptide located within the following region: QPTVFGDVKDGMTIAKEEIFGPVMQILKFKTIEEVVGRANDSKYGLAAAV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	aldehyde dehydrogenase 2 family (mitochondrial)
Database Link:	NP_000681 Entrez Gene 11669 Mouse P05091
Background:	Aldh2 is capable of converting retinaldehyde to retinoic acid.
Synonyms:	ALDH-E2; ALDHI; ALDM
Note:	Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 92%; Mouse: 92%; Bovine: 85%; Zebrafish: 83%
Protein Families:	Druggable Genome



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Protein Pathways:

Arginine and proline metabolism, Ascorbate and aldarate metabolism, beta-Alanine metabolism, Butanoate metabolism, Fatty acid metabolism, Glycerolipid metabolism, Glycolysis / Gluconeogenesis, Histidine metabolism, Limonene and pinene degradation, Lysine degradation, Metabolic pathways, Propanoate metabolism, Pyruvate metabolism, Tryptophan metabolism, Valine, leucine and isoleucine degradation

Product images:

Host: Rabbit; Target Name: Aldh2; Sample Tissue: Mouse Small Intestine lysates; Antibody Dilution: 1.0 ug/ml