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Product datasheet for TA890045S

ALDH9A1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human ALDH9A1
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	4.08mg/ml
Purification:	Purified from the immunized serum by affinity chromatography (Protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56.1 kDa
Gene Name:	aldehyde dehydrogenase 9 family member A1
Database Link:	NP_000687 Entrez Gene 56752 MouseEntrez Gene 64040 RatEntrez Gene 223 Human P49189
Background:	This protein belongs to the aldehyde dehydrogenase family of proteins. It has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits. [provided by RefSeq, Jul 2008]
Synonyms:	ALDH4; ALDH7; ALDH9; E3; TMABADH
Protein Families:	Druggable Genome

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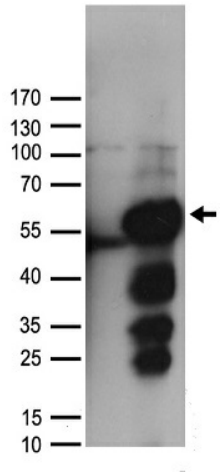
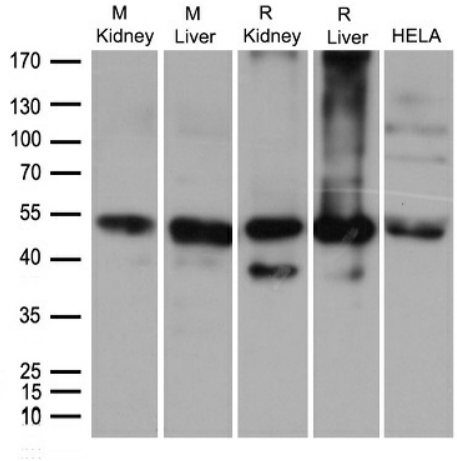
Protein Pathways: Arginine and proline metabolism, Ascorbate and aldarate metabolism, beta-Alanine metabolism, Butanoate metabolism, Fatty acid metabolism, Glycerolipid metabolism, Glycolysis / Gluconeogenesis, Histidine metabolism, Limonene and pinene degradation, Lysine degradation, Metabolic pathways,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

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ALDH9A1 (Cat# [RC216921], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ALDH9A1 antibody (Cat# [TA890045]). Positive lysates [LY424566] (100ug) and [LC424566] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from different cell lines or tissues by using anti-ALDH9A1 rabbit polyclonal antibody ([TA890045]).