

Product datasheet for TA890040

OriGene Technologies, Inc.

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Aldehyde Oxidase (AOX1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: WB: 1:500~1:1000 Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant protein of human AOX1

Formulation: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Concentration: 3.61mg/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: 147.7 kDa

Gene Name: aldehyde oxidase 1

Database Link: NP 001150

Entrez Gene 11761 MouseEntrez Gene 54349 RatEntrez Gene 316 Human

Q06278

Background: Aldehyde oxidase produces hydrogen peroxide and, under certain conditions, can catalyze

the formation of superoxide. Aldehyde oxidase is a candidate gene for amyotrophic lateral

sclerosis. [provided by RefSeq, Jul 2008]

Synonyms: AO; AOH1

Protein Families: Druggable Genome

Protein Pathways: Drug metabolism - cytochrome P450, Metabolic pathways, Nicotinate and nicotinamide

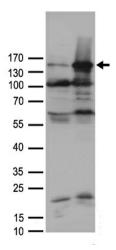
metabolism, Tryptophan metabolism, Tyrosine metabolism, Valine, leucine and isoleucine

degradation, Vitamin B6 metabolism

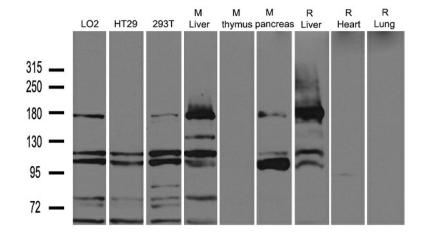




Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY AOX1 (Cat# [RC219221], 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-AOX1 antibody (Cat# TA890040). Positive lysates [LY400466] (100ug) and [LC400466] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from different cell lines or tissues by using anti-AOX1 rabbit polyclonal antibody (TA890040).