

Product datasheet for **TA890040**

Aldehyde Oxidase (AOX1) Rabbit Polyclonal Antibody

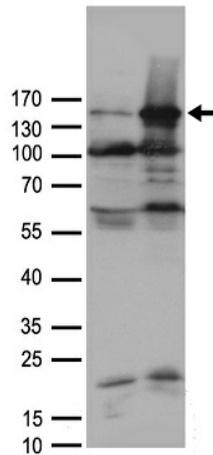
Product data:

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 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

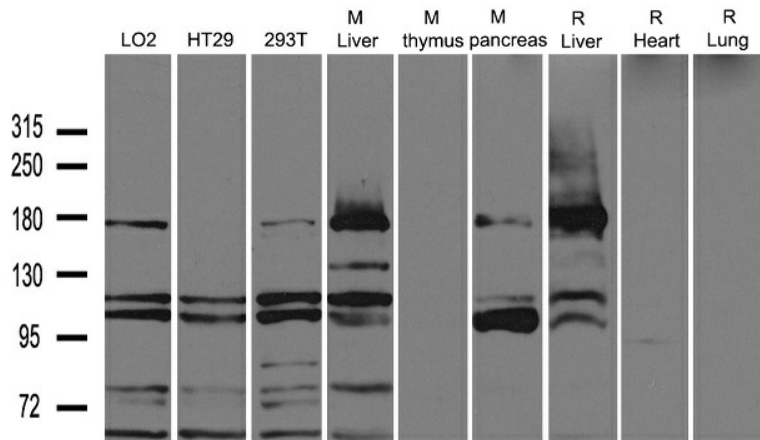


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Product images:



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).