

Product datasheet for **AP17115PU-N**

Aldehyde Oxidase (AOX1) Rabbit Polyclonal Antibody

Product data:

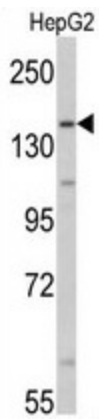
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:50 - 1:100. ELISA: 1:1,000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human AOX1
Specificity:	This antibody detects Aldehyde oxidase at Center.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	aldehyde oxidase 1
Database Link:	Entrez Gene 316 Human Q06278
Background:	Aldehyde oxidase produces hydrogen peroxide and can catalyze the formation of superoxide under certain conditions. Aldehyde oxidase is a candidate gene for amyotrophic lateral sclerosis.
Synonyms:	AOX1
Note:	Molecular weight: 147918 Da
Protein Families:	Druggable Genome



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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:

Western blot analysis of AOX1 Antibody (Center) in HepG2 cell line lysates (35 ug/lane). AOX1 (arrow) was detected using the purified Pab.