

Product datasheet for **TA321295S**

Aldehyde Oxidase (AOX1) Rabbit Polyclonal Antibody

Product data:

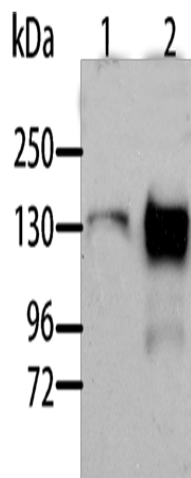
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human liver cancer and normal liver tissue IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 300 amino acids of human aldehyde oxidase 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	148 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.
Synonyms:	AO; AOH1
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:

Gel: 10%SDS-PAGE

Lysate: 40 μ g

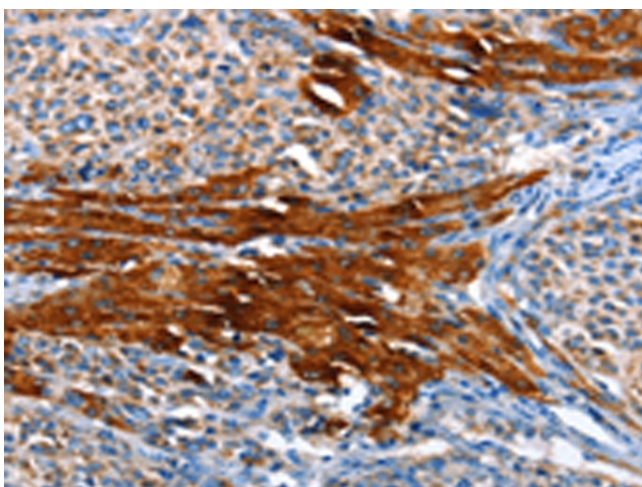
Lane 1-2: Human liver cancer tissue

Human normal liver tissue

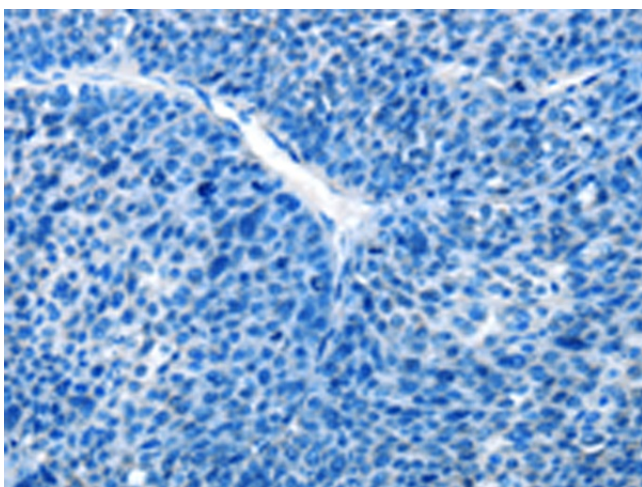
Primary antibody: [TA321295] (AOX1 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

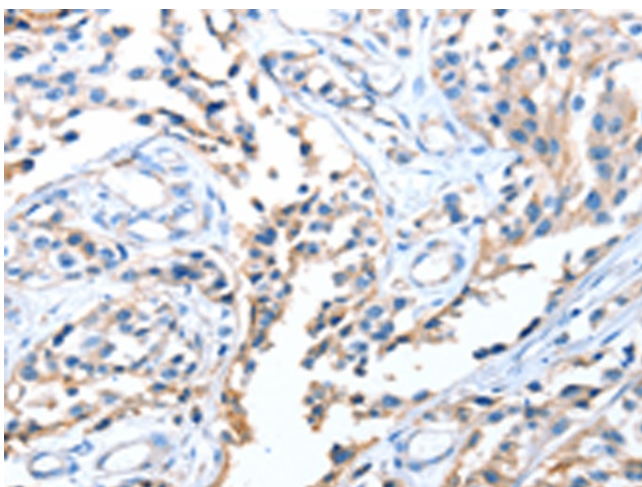
Exposure time: 90 seconds



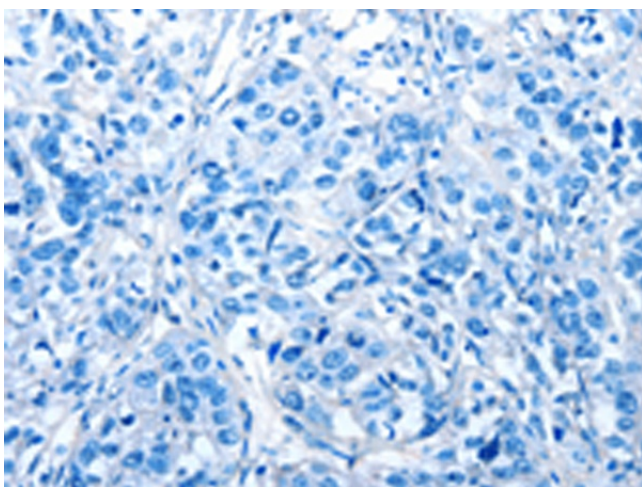
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA321295] (AOX1 Antibody) at dilution 1/65 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA321295] (AOX1 Antibody) at dilution 1/65, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA321295] (AOX1 Antibody) at dilution 1/65 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA321295] (AOX1 Antibody) at dilution 1/65, treated with fusion protein. (Original magnification: $\times 200$)