

Product datasheet for **TA321294**

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 tissue IHC: 100-300 Positive control: Human esophagus 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
Concentration:	lot specific
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 Mouse Entrez Gene 54349 Rat Entrez 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

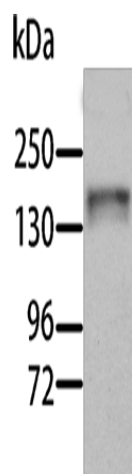


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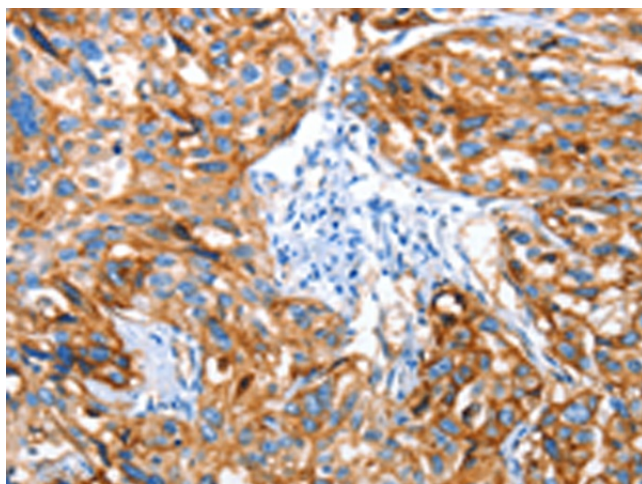
Protein Families: Druggable Genome

Protein Pathways: Drug metabolism - cytochrome P450, Metabolic pathways, Nicotinate and nicotinamide metabolism, Tryptophan metabolism, Tyrosine metabolism, Valine, leucine and isoleucine degradation, Vitamin B6 metabolism

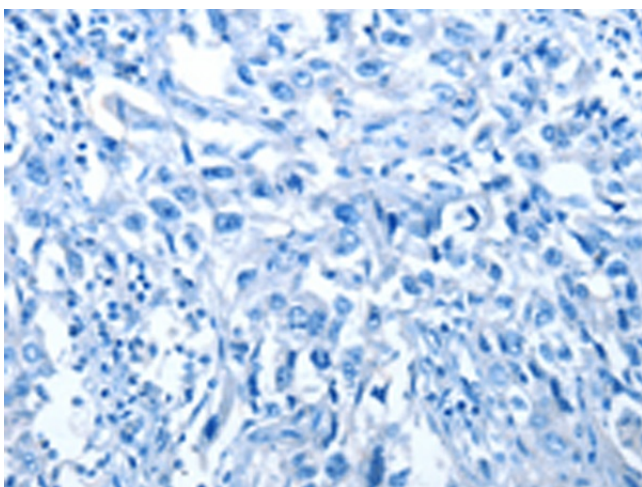
Product images:



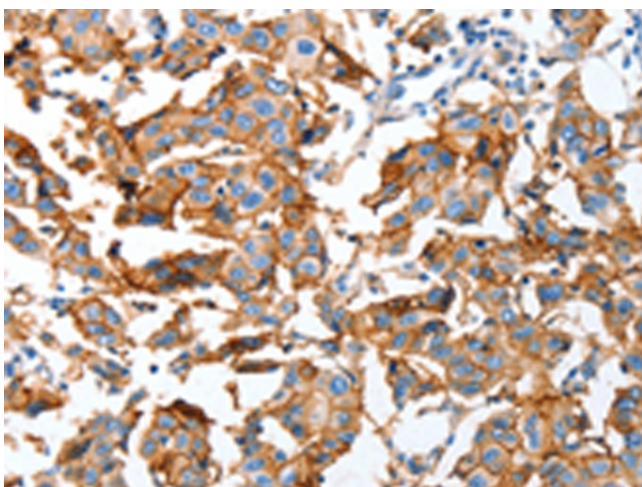
Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Human liver tissue
Primary antibody: TA321294 (AOX1 Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



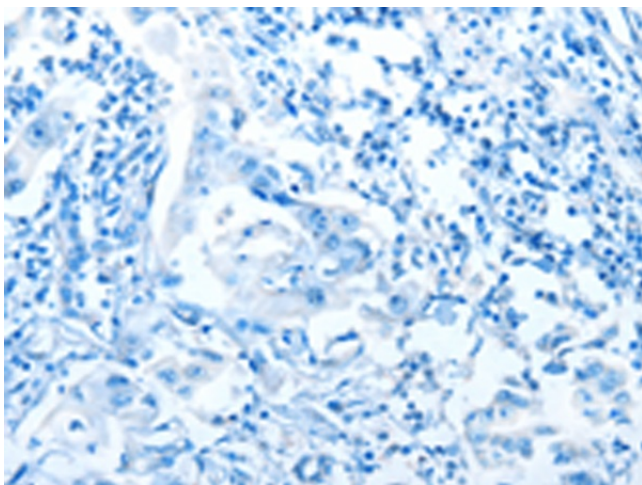
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321294 (AOX1 Antibody) at dilution 1/65 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321294 (AOX1 Antibody) at dilution 1/65, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321294 (AOX1 Antibody) at dilution 1/65 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321294 (AOX1 Antibody) at dilution 1/65, treated with fusion protein. (Original magnification: $\times 200$)