

Product datasheet for **TA321295**

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 |
| 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 |

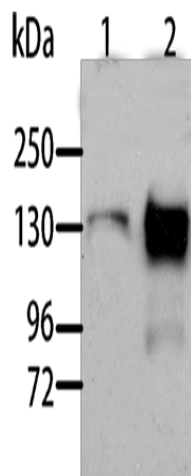


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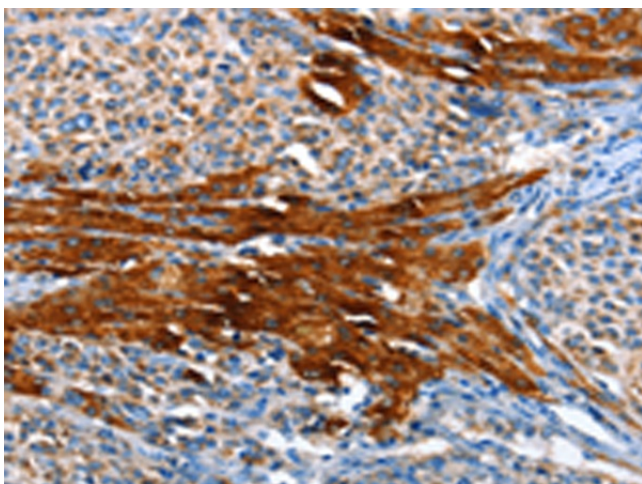
Protein Families: Druggable Genome

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

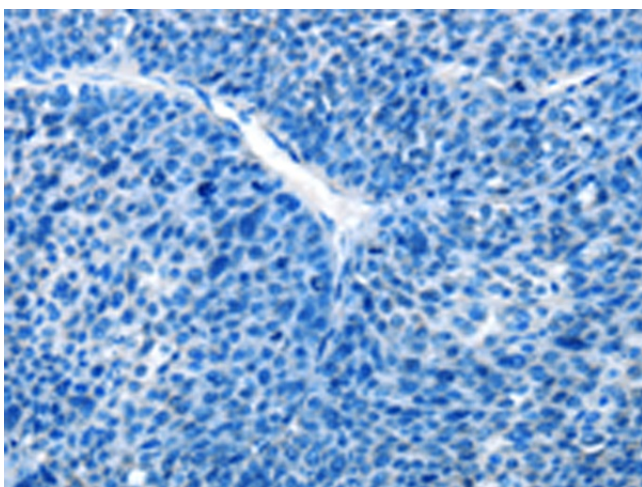
Product images:



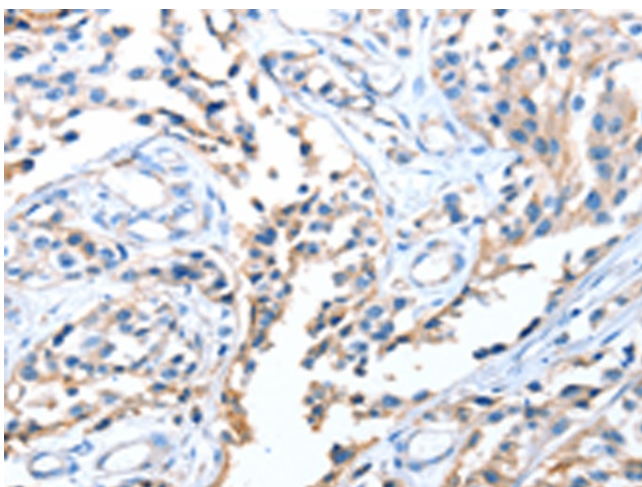
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Human liver cancer tissue
Human normal liver tissue
Primary antibody: TA321295 (AOX1 Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 90 seconds



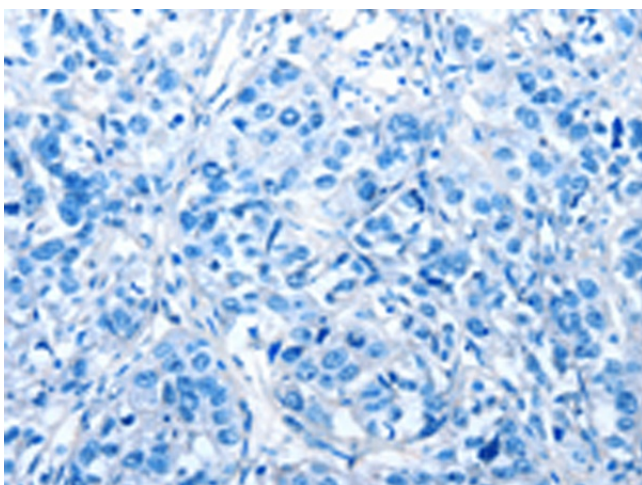
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321295 (AOX1 Antibody) at dilution 1/65 (Original magnification: ×200)



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: $\times 200$)