

## Rabbit AOX1 Polyclonal Antibody | anti-AOX1 antibody

AOX1 Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA166784</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

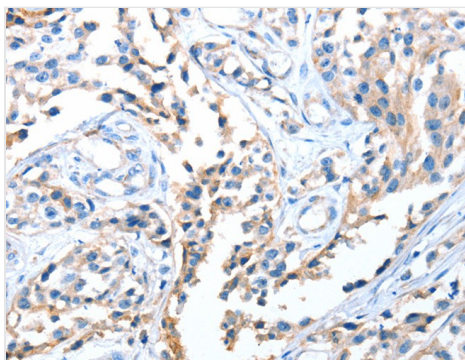
### PRODUCT SYNONYMS

AOX1; Polyclonal Antibody; AOX1 Polyclonal Antibody; AO; AOH1; anti-AOX1 antibody

### PRODUCT SPECIFICATIONS

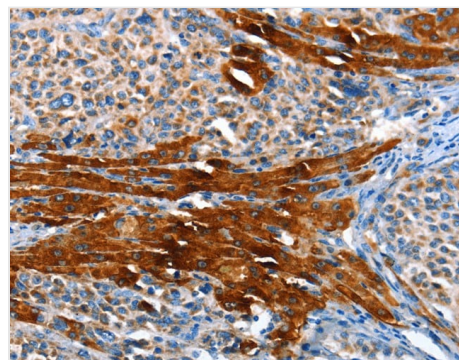
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 2.3mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 1338                                                                                      |
| Applicable Applications for anti-AOX1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Recombinant protein of human AOX1                                                         |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



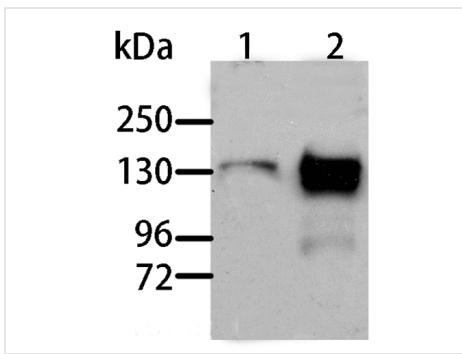
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using AOX1 Polyclonal Antibody at dilution of 1:65



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using AOX1 Polyclonal Antibody at dilution of 1:65



#### WB (Western Blot)

Western Blot analysis of Human liver cancer and normal liver tissue using AOX1 Polyclonal Antibody at dilution of 1:1000

## ADDITIONAL INFORMATION

#### Related Product Information for anti-AOX1 antibody

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.

## NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 71773480                                     |
| NCBI GeneID                      | 316                                          |
| NCBI Accession #                 | NP_001150.3                                  |
| NCBI GenBank Nucleotide #        | NM_001159.3                                  |
| Molecular Weight                 | 147,918 Da                                   |
| NCBI Official Full Name          | aldehyde oxidase                             |
| NCBI Official Synonym Full Names | aldehyde oxidase 1                           |
| NCBI Official Symbol             | AOX1                                         |
| NCBI Official Synonym Symbols    | AO; AOH1                                     |
| NCBI Protein Information         | aldehyde oxidase; azaheterocycle hydroxylase |
| UniProt Protein Name             | Aldehyde oxidase                             |
| UniProt Gene Name                | <b>AOX1</b>                                  |
| UniProt Synonym Gene Names       | AO                                           |
| UniProt Entry Name               | AOXA_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aox1-antibody-immunohistochemistry-western-blot-elisa/166784>