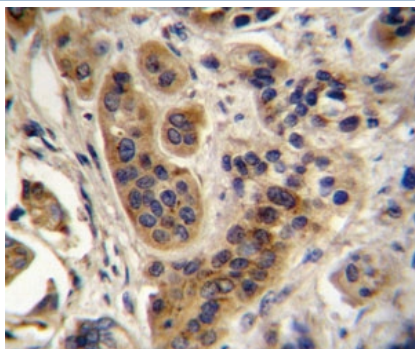


## ACOX1 Antibody / Peroxisomal acyl-coenzyme A oxidase 1 (F48082)

| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F48082-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F48082-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                       |
| <b>Species Reactivity</b> | Human, Mouse                                            |
| <b>Format</b>             | Purified                                                |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                              |
| <b>Isotype</b>            | Rabbit Ig                                               |
| <b>Purity</b>             | Purified                                                |
| <b>UniProt</b>            | Q15067                                                  |
| <b>Localization</b>       | Cytoplasmic, granular                                   |
| <b>Applications</b>       | IHC (Paraffin) : 1:10-1:50                              |
| <b>Limitations</b>        | This ACOX1 antibody is available for research use only. |



ACOX1 antibody analysis in formalin fixed and paraffin embedded human bladder carcinoma.

### Description

ACOX1 is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty

acids.

## Application Notes

Titration of the ACOX1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 7-37 from the human protein was used as the immunogen for this ACOX1 antibody.

## Storage

Aliquot the ACOX1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.