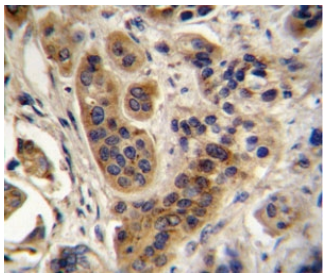
ACOX1 Antibody / Peroxisomal acyl-coenzyme A oxidase 1 (F48082)

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

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q15067
Localization	Cytoplasmic, granular
Applications	IHC (Paraffin): 1:10-1:50
Limitations	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.

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