AADAC Polyclonal Antibody

Catalog No. E-AB-14453

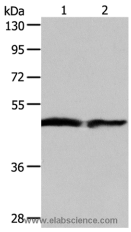
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

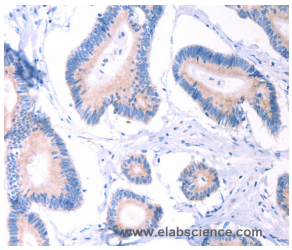
Reactivity	Human
Immunogen	Recombinant protein of human AADAC
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

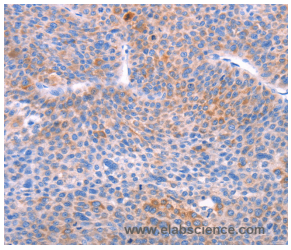
Data



Western Blot analysis of Human fetal liver and liver cancer tissue using AADAC Polyclonal Antibody at dilution of 1:550
Calculated Mw:46kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using AADAC Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human liver cancer using AADAC Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Background

Microsomal arylacetamide deacetylase competes against the activity of cytosolic arylamine N-acetyltransferase, which catalyzes one of the initial biotransformation pathways for arylamine and heterocyclic amine carcinogens. Arylacetamide deacetylation is an important enzyme activity in the metabolic activation of arylamine substrates to ultimate carcinogens. Displays major serine hydrolase activity in liver microsomes. Hydrolyzes also flutamide, which is an antiandrogen drug used for the treatment of prostate cancer that occasionally causes severe hepatotoxicity. Displays cellular triglyceride lipase activity in liver. Increases intracellular fatty acids derived from hydrolysis of newly formed triglyceride stores.

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