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AADAC Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6805b

Specification

AADAC Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	P22760
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**45734**
Antigen Region	**273-300**

AADAC Antibody (C-term) - Additional Information

Gene ID 13

Other Names
Arylacetamide deacetylase, AADAC, DAC

Target/Specificity
This AADAC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 273-300 amino acids from the C-terminal region of human AADAC.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
AADAC Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

AADAC Antibody (C-term) - Protein Information

Name AADAC

Synonyms DAC

Function Displays cellular triglyceride lipase activity in liver, increases the levels of intracellular fatty acids derived from the hydrolysis of newly formed triglyceride stores and plays a role in very low-density lipoprotein assembly. Displays serine esterase activity in liver. Deacetylates a variety of arylacetamide substrates, including xenobiotic compounds and procarcinogens, converting them to the primary arylamide compounds and increasing their toxicity.

Cellular Location
Endoplasmic reticulum membrane; Single-pass type II membrane protein. Microsome membrane; Single-pass type II membrane protein

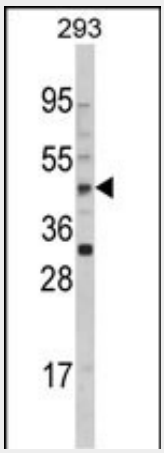
Tissue Location
Detected in liver (at protein level). Mainly expressed in liver, small intestine, colon, adrenal gland and bladder

AADAC Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AADAC Antibody (C-term) - Images



Western blot analysis of AADAC Antibody (C-term) (Cat. #AP6805b) in 293 cell line lysates (35ug/lane). AADAC (arrow) was detected using the purified Pab.

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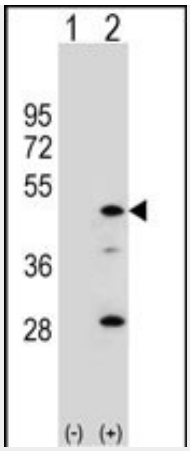
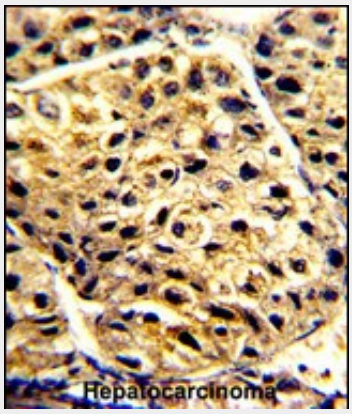
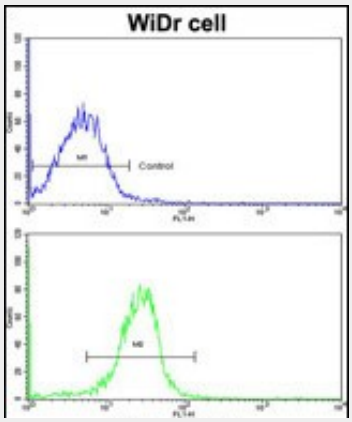


Western blot analysis of AADAC (arrow) using rabbit polyclonal AADAC Antibody (C-term) (Cat. #AP6805b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the AADAC gene.



Formalin-fixed and paraffin-embedded human hepatocarcinoma with AADAC Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of widr cells using AADAC Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

AADAC Antibody (C-term) - Background

Arylacetamide deacetylation is an important enzyme activity in the metabolic activation of

arylamine substrates to ultimate carcinogens.

AADAC Antibody (C-term) - References

Saito,S., et.al., J. Hum. Genet. 48 (5), 249-270 (2003)