

## Rabbit anti-Human AADAC Polyclonal Antibody | anti-AADAC antibody

AADAC Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA307407</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

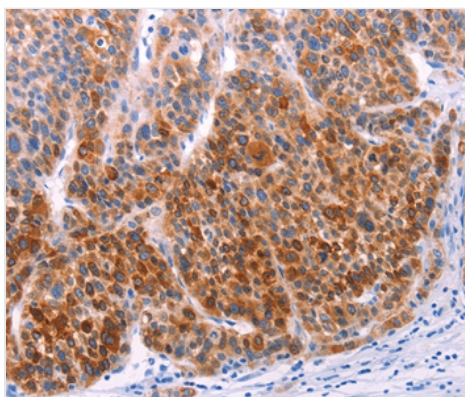
### PRODUCT SYNONYMS

AADAC; Polyclonal Antibody; AADAC Antibody; DAC; CES5A1; anti-AADAC antibody

### PRODUCT SPECIFICATIONS

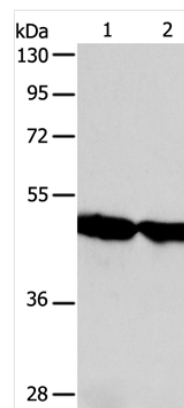
|                                                 |                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                          |
| Reactivity                                      | Human                                                                                           |
| Clonality                                       | Polyclonal                                                                                      |
| Specificity                                     | The antibody detects endogenous levels of total AADAC protein.                                  |
| Purity/Purification                             | Antigen affinity purification.                                                                  |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                 |
| Concentration                                   | 1.4 mg/ml (varies by lot)                                                                       |
| Sequence Length                                 | 399                                                                                             |
| Applicable Applications for anti-AADAC antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                   |
| Immunogen Type                                  | Recombinant Protein                                                                             |
| Immunogen Description                           | Fusion protein corresponding to residues near the C terminal of human Arylacetamide deacetylase |
| Target Name                                     | AADAC                                                                                           |
| Preparation and Storage                         | Store at -20 degree C                                                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/30.



#### Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human fetal liver and liver cancer tissue  
Amount of lysate: 40ug per lane Primary antibody: 1/600 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AADAC antibody | 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. |
| Product Categories/Family for anti-AADAC antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 68299767                       |
| NCBI GeneID                      | 13                             |
| NCBI Accession #                 | NP_001077.2                    |
| NCBI GenBank Nucleotide #        | NM_001086.2                    |
| UniProt Accession #              | P22760; Q8N1A9; A8K3L3; D3DNJ6 |
| Molecular Weight                 | 45,734 Da                      |
| NCBI Official Full Name          | arylacetamide deacetylase      |
| NCBI Official Synonym Full Names | arylacetamide deacetylase      |
| NCBI Official Symbol             | AADAC                          |
| NCBI Official Synonym Symbols    | DAC; CES5A1                    |
| NCBI Protein Information         | arylacetamide deacetylase      |
| UniProt Protein Name             | Arylacetamide deacetylase      |
| UniProt Gene Name                | AADAC                          |
| UniProt Synonym Gene Names       | DAC                            |
| UniProt Entry Name               | AAAD_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aadac-antibody-immunohistochemistry-western-blot-elisa/307407>