

AADAC Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6805b**Specification**

AADAC Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P22760](#)**AADAC Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 13**Other Names**

Arylacetamide deacetylase, AADAC, DAC

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6805b](/products/AP6805b) was selected from the C-term region of human AADAC. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AADAC Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AADAC Antibody (C-term) Blocking Peptide - Images**AADAC Antibody (C-term) Blocking Peptide - Background**

Arylacetamide deacetylation is an important enzyme activity in the metabolic activation of arylamine substrates to ultimate carcinogens.

AADAC Antibody (C-term) Blocking Peptide - References

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