

Aacs antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14574**Specification**

Aacs antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9JMI1
Other Accession	NM_023104 , EDM13551
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45kDa KDa

Aacs antibody - N-terminal region - Additional Information**Gene ID** 65984**Other Names**

Acetoacetyl-CoA synthetase, 6.2.1.16, Aacs

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Aacs antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Aacs antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Aacs antibody - N-terminal region - Protein Information**Name** Aacs**Function**

Converts acetoacetate to acetoacetyl-CoA in the cytosol. Ketone body-utilizing enzyme, responsible for the synthesis of cholesterol and fatty acids.

Cellular Location

Cytoplasm, cytosol

Tissue Location

Abundant in male subcutaneous white adipose tissue after weaning. In white adipose tissue, it is

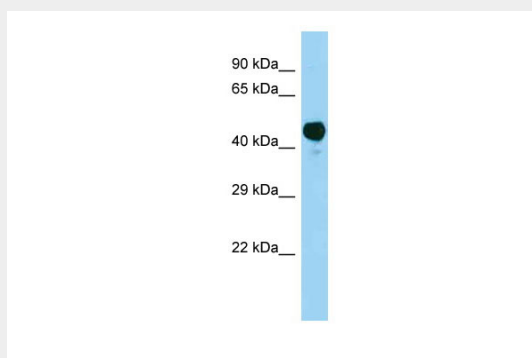
preferentially detected in mature adipocytes but not in preadipocytes. The expression in primary preadipocytes increases during the adipocyte differentiation. In brain, it is expressed in the midbrain, pons/medulla, cerebral cortex, hippocampus and cerebellum. The expression in the cerebellum is restricted primarily to glial cells, while in the cerebral cortex, it is restricted to neuronal cells.

Aacs antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Aacs antibody - N-terminal region - Images



WB Suggested Anti-Aacs Antibody Titration: 1.0 µg/ml
Positive Control: Rat Muscle

Aacs antibody - N-terminal region - References

- Iwahori A., et al. FEBS Lett. 466:239-243(2000).
Ohnuki M., et al. Biochim. Biophys. Acta 1729:147-153(2005).
Yamasaki M., et al. Biochem. Biophys. Res. Commun. 335:215-219(2005).