

## **AACS** rabbit pAb

Catalog No: YT7216

**Reactivity:** Human; Mouse; Rat

**Applications:** WB

Target: AACS

**Fields:** >>Valine, leucine and isoleucine degradation;>>Butanoate

metabolism;>>Metabolic pathways

Gene Name: AACS ACSF1

Q86V21

Q9D2R0

Protein Name: AACS

Human Gene Id: 65985

**Human Swiss Prot** 

No:

Mouse Gene ld: 78894

**Mouse Swiss Prot** 

No:

Rat Gene Id: 65984

Rat Swiss Prot No: Q9JMI1

Immunogen: Synthesized peptide derived from human AACS AA range: 193-243

**Specificity:** This antibody detects endogenous levels of AACS at Human/Mouse/Rat

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1 ? 500-2000

1/2



**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

**Storage Stability:** -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 74kD

Function: catalytic activity:ATP + acetoacetate + CoA = AMP + diphosphate + acetoacetyl-

CoA., function: Activates acetoacetate to acetoacetyl-CoA. May be involved in

utilizing ketone body for the fatty acid-synthesis during adipose tissue

development., similarity: Belongs to the ATP-dependent AMP-binding enzyme family., tissue specificity: Highly expressed in kidney, heart and brain, but low in

liver.,

Subcellular

**Location:** 

Cytoplasm, cytosol.

**Expression:** Highly expressed in kidney, heart and brain, but low in liver.

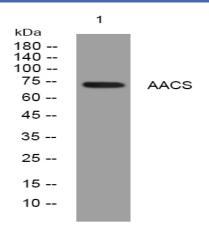
**Sort**: 1557

**No4**: 1

Host: Rabbit

Modifications: Unmodified

## **Products Images**



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night