Anti-ACAT2 Antibody (Clone#OTI3A11)
Catalog Number: *M03245-3*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com *Phone:* 027-67845390/1/2 *Email:* boster@boster.com

Basic Information

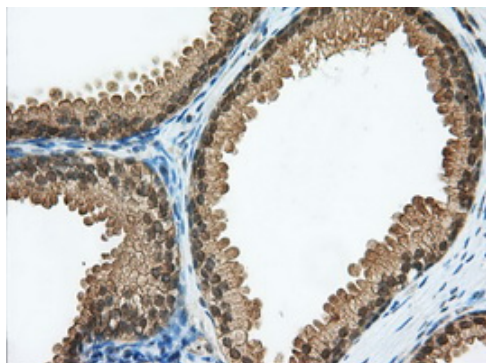|	
Product Name	Anti-ACAT2 Antibody (Clone#OTI3A11)
Gene Name	ACAT2
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, FCM
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human ACAT2(NP_005882) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	41.2 kDa
Dilution Ratios	Western blot (WB): 1:1000~2000 Immunohistochemistry (IHC): 1:50 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:100 Flow cytometry (FCM): 1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

The product of this gene is an enzyme involved in lipid metabolism, and it encodes cytosolic acetoacetyl-CoA thiolase. This gene shows complementary overlapping with the 3-prime region of the TCP1 gene in both mouse and human. These genes are encoded on opposite strands of DNA, as well as in opposite transcriptional orientation.

Selected Validation Data

Product datasheet

Anti-ACAT2 Antibody (Clone#OTI3A11)

Catalog Number: *M03245-3*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com *Phone:* 027-67845390/1/2 *Email:* boster@boster.com

Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-ACAT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M03245-3, Dilution 1:50)