# Anti-ACOT8 Rabbit Polyclonal Antibody

# Catalog #: 51175

## Aliases

ACTEIII; PTE1; PTE2; Acyl-coenzyme A thioesterase 8; Acyl-CoA thioesterase 8; Choloyl-coenzyme A thioesterase; HIV-Nef-associated acyl-CoA thioesterase; PTE-2; Peroxisomal acyl-coenzyme A thioester hydrolase 1; PTE-1; Peroxisomal long-chain acyl-CoA thioesterase 1; Thioesterase II; hACTE-III; hACTEIII; hTE

## Background

Gene Name: ACOT8
NCBI Gene Entry: 10005
UniProt Entry: O14734

## Application Information

Molecular Weight: Predicted, 35 kDa; observed, 36 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, monkey
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human ACOT8

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

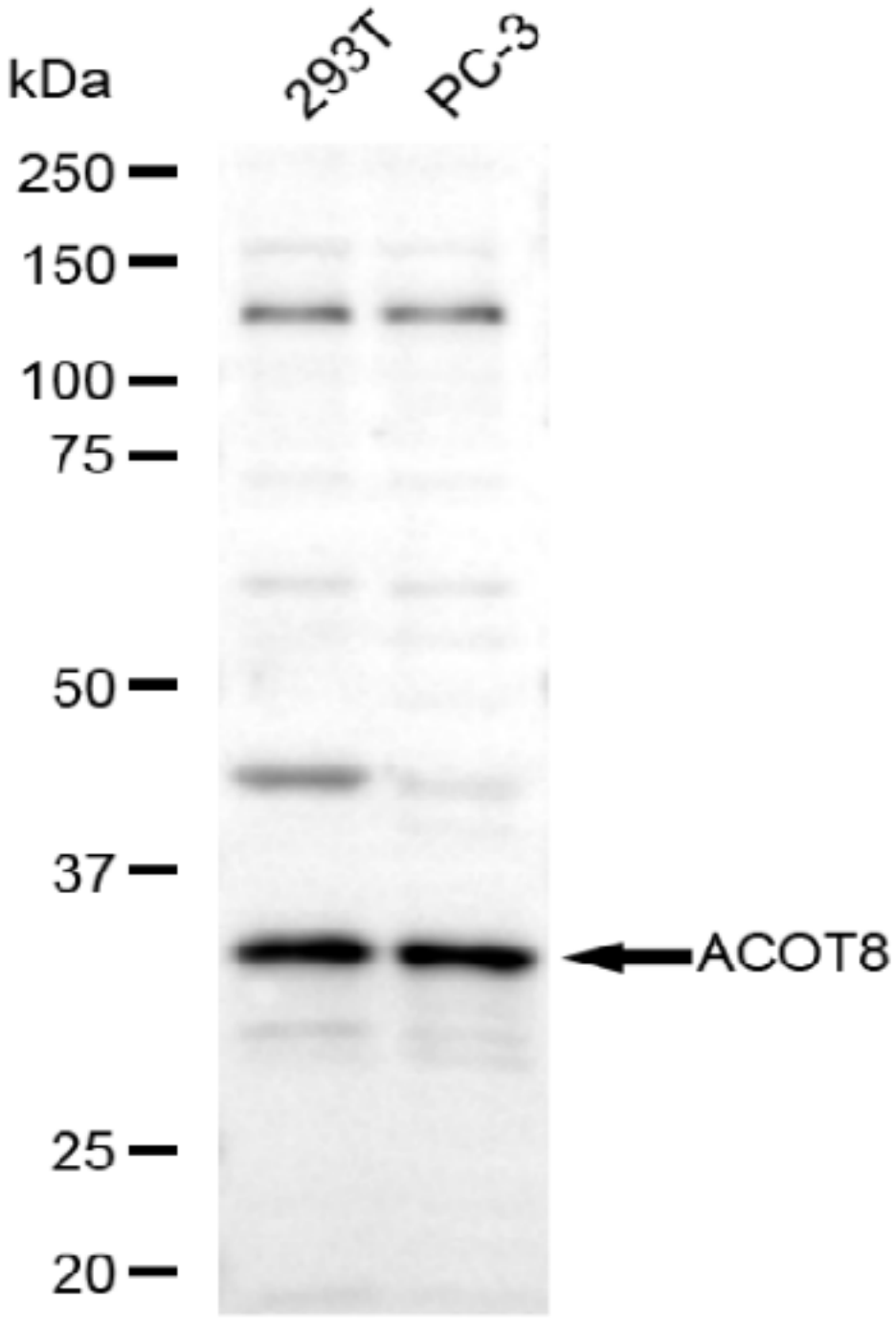
Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:100-1:200
Immunocytochemistry (IC): 1:100-1:500

**Note:** This product is for research use only.

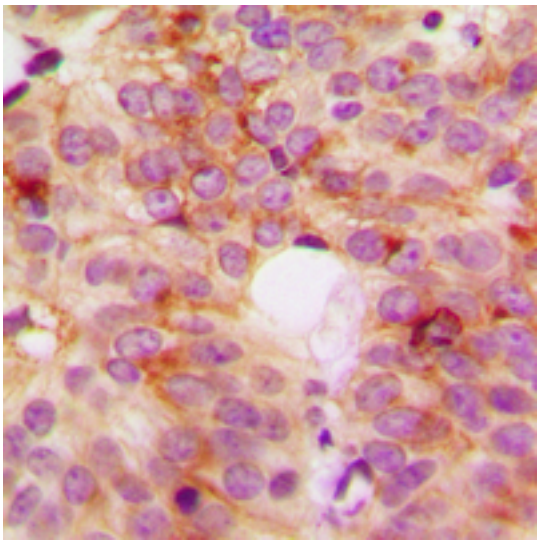
## Validation Data



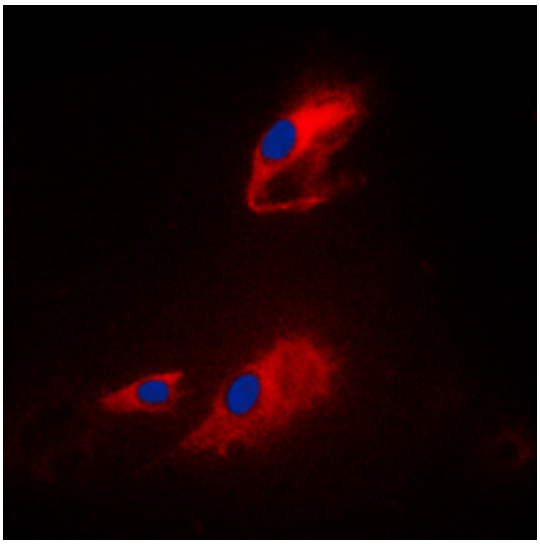



Western blotting analysis using anti-ACOT8 antibody (Cat#51175). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACOT8 antibody

(Cat#51175, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunohistochemical analysis of ACOT8 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunocytochemical analysis of ACOT8 staining in Raji cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).