

ATAD2 Antibody

Rabbit mAb Catalog # AP92111

Specification

ATAD2 Antibody - Product Information

Application WB, FC, ICC Primary Accession O6PL18 Clonality Monoclonal

Other Names

ANCCA; Atad2; CT137; L16; PRO2000;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 158554 Da

ATAD2 Antibody - Additional Information

Dilution WB~~1:1000

FC~~1:10~50 ICC~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

ATAD2

Description May be a transcriptional coactivator of the

nuclear receptor ESR1 required to induce the expression of a subset of estradiol target genes, such as CCND1, MYC and E2F1. May play a role in the recruitment or occupancy of CREBBP at some ESR1 target gene promoters. May be required for histone hyperacetylation. Involved in the estrogen-induced cell proliferation and cell cycle progression of breast cancer cells. Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

ATAD2 Antibody - Protein Information

Storage Condition and Buffer

Name ATAD2

Function

May be a transcriptional coactivator of the nuclear receptor ESR1 required to induce the expression of a subset of estradiol target genes, such as CCND1, MYC and E2F1. May play a role in the recruitment or occupancy of CREBBP at some ESR1 target gene promoters. May be required for histone hyperacetylation. Involved in the estrogen-induced cell proliferation and cell cycle



progression of breast cancer cells.

Cellular Location Nucleus

Tissue Location

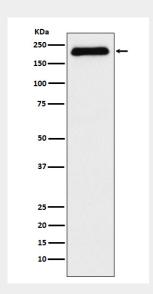
Highly expressed in estrogen receptor positive breast tumors and in osteosarcoma tumors.

ATAD2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ATAD2 Antibody - Images



Western blot analysis of ATAD2 expression in MCF-7 cell lysate.