10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ATAD2 Antibody
Rabbit mAb
Catalog # AP92111

Specification

ATAD2 Antibody - Product Information

Application	**WB, FC, ICC**
Primary Accession	Q6PL18
Clonality	**Monoclonal**
Other Names	
ANCCA; Atad2; CT137; L16; PRO2000;	
Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**158554 Da**

ATAD2 Antibody - Additional Information

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.**
Storage Condition and Buffer	**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

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

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Nucleus

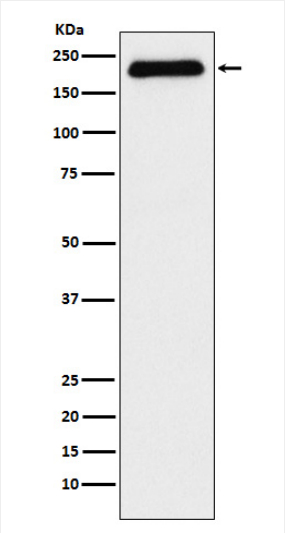
Tissue Location
Highly expressed in estrogen receptor positive breast tumors and in osteosarcoma tumors.

ATAD2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ATAD2 Antibody - Images



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