

## Rabbit anti-Human ATAD2 Polyclonal Antibody | anti-ATAD2 antibody

ATAD2 antibody (pAb)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA60014  | Rabbit | Human      | Western Blot, Immunoprecipitation |

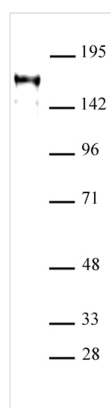
### PRODUCT SYNONYMS

ATAD2; Polyclonal Antibody; ATAD2 antibody (pAb); ANCCA; CT137; PRO2000; anti-ATAD2 antibody

### PRODUCT SPECIFICATIONS

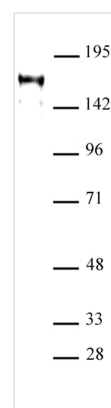
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|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                    |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                |
| Isotype                                         | IgG                                                                                                                                                                                                                                                                                       |
| Purity/Purification                             | Affinity Purified                                                                                                                                                                                                                                                                         |
| Form/Format                                     | Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.                                                                                                                                                                                              |
| Concentration                                   | 0.46ug/ul (varies by lot)                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-ATAD2 antibody | WB (Western Blot), IP (Immunoprecipitation)                                                                                                                                                                                                                                               |
| Immunogen                                       | This antibody was raised against a peptide within the C-terminal region of human ATAD2.                                                                                                                                                                                                   |
| Preparation and Storage                         | Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul |

### IMAGES



#### WB (Western Blot)

ATAD2 antibody (pAb) tested by Western blot. ATAD2 detection by Western blot. The analysis was performed using 40 ug Jurkat nuclear cell extract and CENP-B at a 1:1,000 dilution.



#### WB (Western Blot)

ATAD2 antibody (pAb) tested by Immunoprecipitation. 10 ul of ATAD2 antibody was used to immunoprecipitate ATAD2 from 250 ug of Jurkat nuclear cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the ATAD2 antibody at a dilution of 1:1,000.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ATAD2 antibody | <p>Short Description: Our ATAD2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples.</p> <p>Background: ATAD2 (ATPase family AAA domain-containing protein 2) 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.</p> |
| Product Categories/Family for anti-ATAD2 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 24497618                                      |
| NCBI GeneID                      | 29028                                         |
| NCBI Accession #                 | NP_054828; AB_2793609                         |
| NCBI GenBank Nucleotide #        | NM_014109                                     |
| UniProt Accession #              | Q6PL18                                        |
| Molecular Weight                 | 153kDa                                        |
| NCBI Official Full Name          | ATPase family AAA domain-containing protein 2 |
| NCBI Official Synonym Full Names | ATPase family AAA domain containing 2         |
| NCBI Official Symbol             | ATAD2                                         |
| NCBI Official Synonym Symbols    | ANCCA; CT137; PRO2000                         |
| NCBI Protein Information         | ATPase family AAA domain-containing protein 2 |
| UniProt Protein Name             | ATPase family AAA domain-containing protein 2 |
| UniProt Gene Name                | ATAD2                                         |
| UniProt Synonym Gene Names       | L16; PRO2000; ANCCA                           |
| UniProt Entry Name               | ATAD2_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atad2-antibody-western-blot-immunoprecipitation-elisa/60014>