

## Rabbit anti-Human, Mouse ADO Polyclonal Antibody | anti-ADO antibody

ADO Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA307143 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

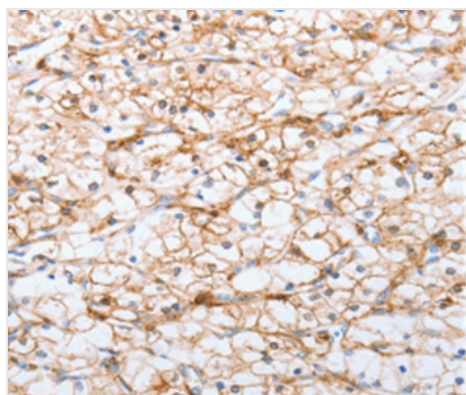
### PRODUCT SYNONYMS

ADO; Polyclonal Antibody; ADO Antibody; C10orf22; FLJ14547; anti-ADO antibody

### PRODUCT SPECIFICATIONS

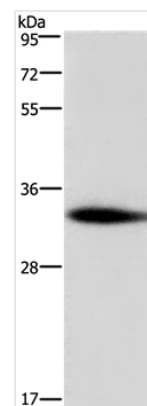
|                                               |                                                                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                             |
| Reactivity                                    | Human, Mouse                                                                                                       |
| Clonality                                     | Polyclonal                                                                                                         |
| Specificity                                   | The antibody detects endogenous levels of total ADO protein.                                                       |
| Purity/Purification                           | Antigen affinity purification.                                                                                     |
| Form/Format                                   | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                    |
| Concentration                                 | 0.7 mg/ml (varies by lot)                                                                                          |
| Sequence Length                               | 270                                                                                                                |
| Applicable Applications for anti-ADO antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                      |
| Immunogen Type                                | Peptide                                                                                                            |
| Immunogen Description                         | Synthetic peptide corresponding to a region derived from internal residues of human 2-aminoethanethiol dioxygenase |
| Target Name                                   | ADO                                                                                                                |
| Preparation and Storage                       | Store at -20 degree C                                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human renal cancer tissue using at dilution 1/20.



#### Application Data

Gel: 12%SDS-PAGE Lysates (from left to right): Mouse testis tissue Amount of lysate: 30ug per lane Primary antibody: 1/350 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 minutes

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ADO antibody | Human thiol dioxygenases include cysteine dioxygenase (CDO, MIM 603943) and cysteamine (2-aminoethanethiol) dioxygenase (ADO, EC 1.13.11.19). CDO adds 2 oxygen atoms to free cysteine, whereas ADO adds 2 oxygen atoms to free cysteamine to form hypotaurine. |
| Product Categories/Family for anti-ADO antibody   | Total protein Ab                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 62177110                                    |
| NCBI GeneID                      | 84890                                       |
| NCBI Accession #                 | NP_116193.2                                 |
| NCBI GenBank Nucleotide #        | NM_032804.5                                 |
| UniProt Accession #              | Q96SZ5; B1AL29                              |
| Molecular Weight                 | 29,751 Da                                   |
| NCBI Official Full Name          | 2-aminoethanethiol dioxygenase              |
| NCBI Official Synonym Full Names | 2-aminoethanethiol (cysteamine) dioxygenase |
| NCBI Official Symbol             | ADO                                         |
| NCBI Official Synonym Symbols    | C10orf22                                    |
| NCBI Protein Information         | 2-aminoethanethiol dioxygenase              |
| UniProt Protein Name             | 2-aminoethanethiol dioxygenase              |
| UniProt Gene Name                | ADO                                         |
| UniProt Synonym Gene Names       | C10orf22                                    |
| UniProt Entry Name               | AEDO_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://www.aaabiotech.com/polyclonal/ado-antibody-immunohistochemistry-western-blot-elisa/307143>