

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

CRAT Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA233718</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

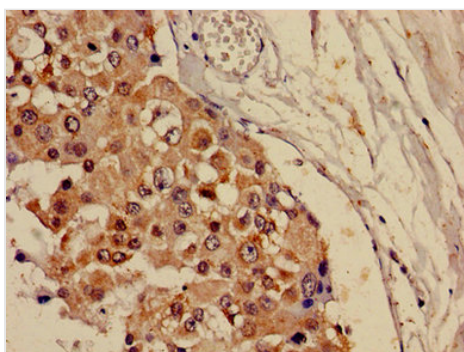
### PRODUCT SYNONYMS

CRAT; Polyclonal Antibody; CRAT Antibody; Carnitine O-acetyltransferase; Carnitine acetylase; Carnitine acetyltransferase; CAT; CrAT; CAT1; anti-CRAT antibody

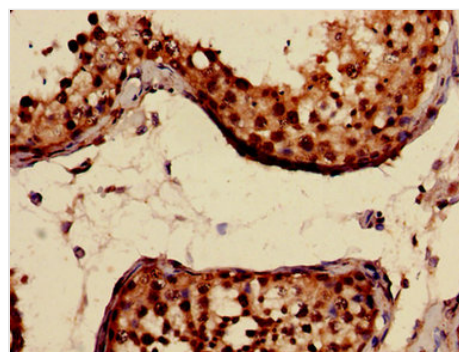
### PRODUCT SPECIFICATIONS

|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 605                                                                              |
| Applicable Applications for anti-CRAT antibody | IHC (Immunohistochemistry), ELISA                                                |
| Immunogen                                      | Recombinant Human Carnitine O-acetyltransferase protein (181-346AA)              |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human breast cancer using AAA233718 at dilution of 1:100


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human testis tissue using AAA233718 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                    |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CRAT antibody | Carnitine acetylase is specific for short chain fatty acids. Carnitine acetylase seems to affect the flux through the pyruvate dehydrogenase complex. It may be involved as well in the transport of acetyl-CoA into mitochondria. |
| Product Categories/Family for anti-CRAT antibody   | Cancer; Cardiovascular; Metabolism; Signal transduction                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 530390532                                |
| NCBI GeneID                      | 1384                                     |
| NCBI Accession #                 | XP_005251765.1                           |
| NCBI GenBank Nucleotide #        | XM_005251708.3                           |
| UniProt Accession #              | P43155; Q5T952; Q9BW16                   |
| Molecular Weight                 | 61,870 Da                                |
| NCBI Official Full Name          | carnitine O-acetyltransferase isoform X3 |
| NCBI Official Synonym Full Names | carnitine O-acetyltransferase            |
| NCBI Official Symbol             | CRAT                                     |
| NCBI Official Synonym Symbols    | CAT; CAT1                                |
| NCBI Protein Information         | carnitine O-acetyltransferase            |
| UniProt Protein Name             | Carnitine O-acetyltransferase            |
| UniProt Gene Name                | CRAT                                     |
| UniProt Synonym Gene Names       | CAT1; Carnitine acetylase; CAT; CrAT     |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/crat-antibody-immunohistochemistry-elisa/233718>