

## Rabbit anti-Human CES2 Polyclonal Antibody | anti-CES2 antibody

CES2 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                           |
|-----------|--------|------------|--------------------------------------------------------|
| AAA302784 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot |

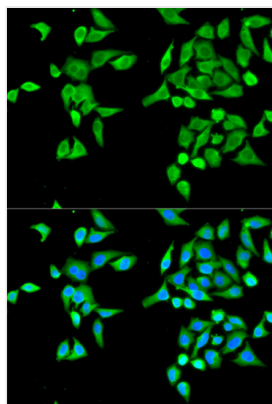
### PRODUCT SYNONYMS

CES2; Polyclonal Antibody; CES2 Antibody; ICE; CE-2; PCE-2; CES2A1; anti-CES2 antibody

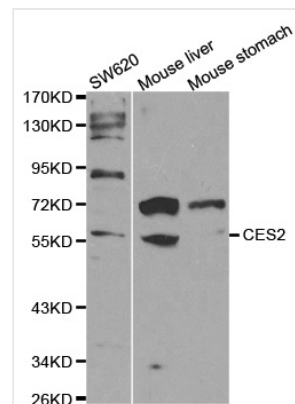
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | The antibody detects endogenous level of total CES2 protein.                                                                        |
| Purity/Purification                            | Antibodies were purified by affinity purification using immunogen.                                                                  |
| Form/Format                                    | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1.0 mg/ml (varies by lot)                                                                                                           |
| Sequence Length                                | 623                                                                                                                                 |
| Applicable Applications for anti-CES2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                              |
| Immunogen Type                                 | Peptide                                                                                                                             |
| Immunogen Description                          | A synthetic peptide of human CES2.                                                                                                  |
| Target Name                                    | CES2                                                                                                                                |
| Preparation and Storage                        | Store at -20 degree C                                                                                                               |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of MCF-7 cell using CES2 antibody. Blue: DAPI for nuclear staining.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using CES2 antibody.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CES2 antibody | This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. The protein encoded by this gene is the major intestinal enzyme and functions in intestine drug clearance. Alternatively spliced transcript variants have been found for this gene. |
| Product Categories/Family for anti-CES2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 37622885                                               |
| NCBI GeneID                      | 8824                                                   |
| NCBI Accession #                 | NP_003860.2                                            |
| NCBI GenBank Nucleotide #        | NM_003869.5                                            |
| UniProt Accession #              | O00748; Q16859; Q5MAB8; Q7Z366; Q8IUP4; Q8TCP8; A8K367 |
| Molecular Weight                 | 59,959 Da                                              |
| NCBI Official Full Name          | cocaine esterase isoform 1                             |
| NCBI Official Synonym Full Names | carboxylesterase 2                                     |
| NCBI Official Symbol             | CES2                                                   |
| NCBI Official Synonym Symbols    | iCE; CE-2; PCE-2; CES2A1                               |
| NCBI Protein Information         | cocaine esterase                                       |
| UniProt Protein Name             | Cocaine esterase                                       |
| UniProt Gene Name                | CES2                                                   |
| UniProt Synonym Gene Names       | ICE; CE-2; hCE-2                                       |
| UniProt Entry Name               | EST2_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/ces2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302784>