

## Rabbit BCHE Polyclonal Antibody | anti-BCHE antibody

BCHE Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA303984</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

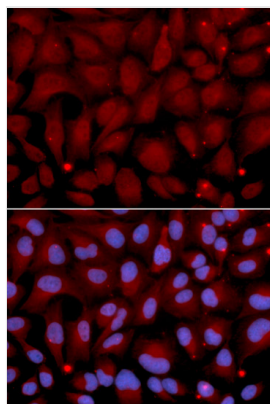
### PRODUCT SYNONYMS

BCHE; Polyclonal Antibody; BCHE Antibody; E1; CHE1; CHE2; anti-BCHE antibody

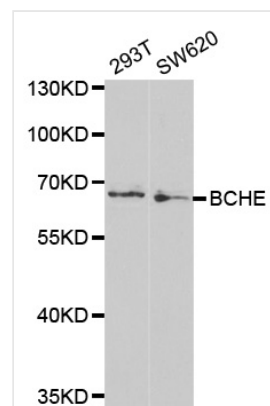
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                              |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                       |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                   |
| Specificity                                    | The antibody detects endogenous level of total BCHE protein.                                                                                                 |
| Purity/Purification                            | Antibodies were purified by affinity purification using immunogen.                                                                                           |
| Form/Format                                    | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1.0 mg/ml (varies by lot)                                                                                                                                    |
| Sequence Length                                | 602                                                                                                                                                          |
| Applicable Applications for anti-BCHE antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                                   |
| Immunogen Type                                 | Recombinant Protein                                                                                                                                          |
| Immunogen Description                          | Recombinant protein of human BCHE.                                                                                                                           |
| Target Name                                    | BCHE                                                                                                                                                         |
| Preparation and Storage                        | Store at -20 degree C                                                                                                                                        |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cell using BCHE antibody. Blue: DAPI for nuclear staining.


**WB (Western Blot)**

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

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BCHE antibody | Mutant alleles at the BCHE locus are responsible for suxamethonium sensitivity. Homozygous persons sustain prolonged apnea after administration of the muscle relaxant suxamethonium in connection with surgical anesthesia. The activity of pseudocholinesterase in the serum is low and its substrate behavior is atypical. In the absence of the relaxant, the homozygote is at no known disadvantage. |
| Product Categories/Family for anti-BCHE antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                       |
|----------------------------------|-----------------------|
| NCBI GI #                        | 4557351               |
| NCBI GeneID                      | 590                   |
| NCBI Accession #                 | NP_000046.1           |
| NCBI GenBank Nucleotide #        | NM_000055.2           |
| UniProt Accession #              | P06276; A8K7P8        |
| Molecular Weight                 | 68,418 Da             |
| NCBI Official Full Name          | cholinesterase        |
| NCBI Official Synonym Full Names | butyrylcholinesterase |
| NCBI Official Symbol             | BCHE                  |
| NCBI Official Synonym Symbols    | E1; CHE1; CHE2        |
| NCBI Protein Information         | cholinesterase        |
| UniProt Protein Name             | Cholinesterase        |
| UniProt Gene Name                | BCHE                  |
| UniProt Synonym Gene Names       | CHE1                  |
| UniProt Entry Name               | CHLE_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/bche-antibody-immunofluorescence-western-blot-elisa/303984>