

## Rabbit ACHE Polyclonal Antibody | anti-ACHE antibody

ACHE Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA166361 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

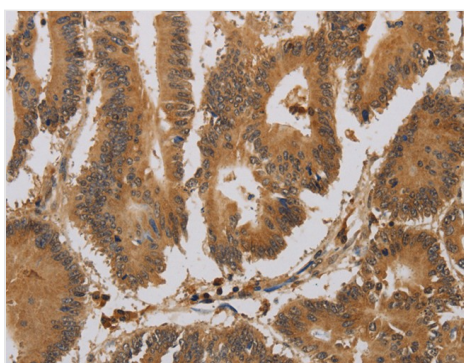
### PRODUCT SYNONYMS

ACHE; Polyclonal Antibody; ACHE Polyclonal Antibody; YT; ACEE; ARACHE; N-ACHE; anti-ACHE antibody

### PRODUCT SPECIFICATIONS

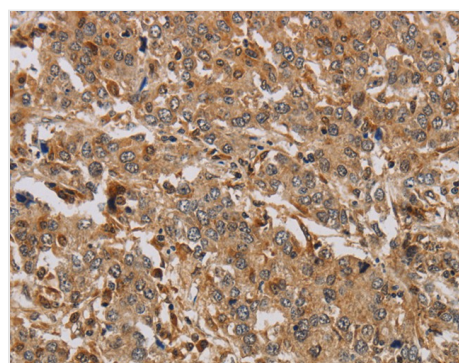
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 1mg/mL (varies by lot)                                                                    |
| Sequence Length                                | 614                                                                                       |
| Applicable Applications for anti-ACHE antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Synthetic peptide of human ACHE                                                           |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



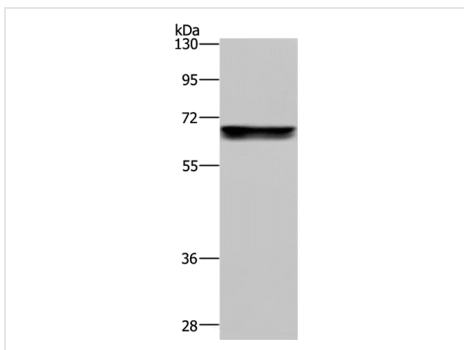
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using ACHE Polyclonal Antibody at dilution of 1:20



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using ACHE Polyclonal Antibody at dilution of 1:20



#### WB (Western Blot)

Western Blot analysis of Raji cell using ACHE Polyclonal Antibody at dilution of 1:250

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-ACHE antibody</b> | Acetylcholinesterase hydrolyzes the neurotransmitter, acetylcholine at neuromuscular junctions and brain cholinergic synapses, and thus terminates signal transmission. It is also found on the red blood cell membranes, where it constitutes the Yt blood group antigen. Acetylcholinesterase exists in multiple molecular forms which possess similar catalytic properties, but differ in their oligomeric assembly and mode of cell attachment to the cell surface. It is encoded by the single ACHE gene, and the structural diversity in the gene products arises from alternative mRNA splicing, and post-translational associations of catalytic and structural subunits. The major form of acetylcholinesterase found in brain, muscle and other tissues is the hydrophilic species, which forms disulfide-linked oligomers with collagenous, or lipid-containing structural subunits. |
| <b>Product Categories/Family for anti-ACHE antibody</b>   | <a href="#">Epigenetics</a> ; <a href="#">Neuroscience</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">113037</a>                                                       |
| <b>NCBI GeneID</b>                      | <a href="#">43</a>                                                           |
| <b>Molecular Weight</b>                 | 58,352 Da                                                                    |
| <b>NCBI Official Full Name</b>          | Acetylcholinesterase                                                         |
| <b>NCBI Official Synonym Full Names</b> | acetylcholinesterase (Yt blood group)                                        |
| <b>NCBI Official Symbol</b>             | ACHE                                                                         |
| <b>NCBI Official Synonym Symbols</b>    | YT; ACEE; ARACHE; N-ACHE                                                     |
| <b>NCBI Protein Information</b>         | acetylcholinesterase; Yt blood group; apoptosis-related acetylcholinesterase |
| <b>UniProt Protein Name</b>             | Acetylcholinesterase                                                         |
| <b>UniProt Gene Name</b>                | <b>ACHE</b>                                                                  |
| <b>UniProt Synonym Gene Names</b>       | AChE                                                                         |
| <b>UniProt Entry Name</b>               | ACES_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/ache-antibody-immunohistochemistry-western-blot-elisa/166361>