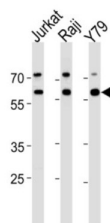
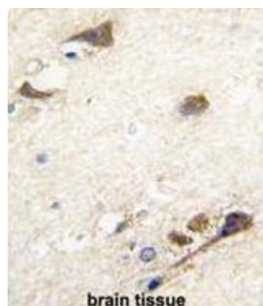
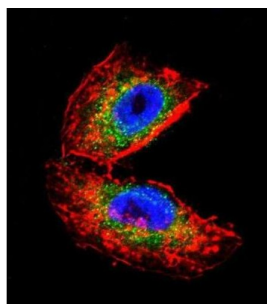


## Acetylcholinesterase (AChE) Antibody

Catalogue No.: abx033719



Acetylcholinesterase hydrolyzes the neurotransmitter, acetylcholine at neuromuscular junctions and brain cholinergic synapses, and thus terminates signal transmission. The Protein 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. 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.

**Target:** Acetylcholinesterase (AChE)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC, IF/ICC, FCM

**Host:** Rabbit

# Datasheet

Version: 3.0.0  
Revision date: 28 Jun 2025



**Recommended dilutions:** WB: 1/1000, IHC-P: 1/10 - 1/50, IF/ICC: 1/10 - 1/50, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 147-175 amino acids from the N-terminal region of human ACHE.

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified Rabbit Polyclonal Antibody.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P22303 ([UniProt](#), [ExPASy](#))

**NCBI Accession:** NP\_000656.1, NP\_001269378.1, NP\_056646.1

**KEGG:** hsa:43

**String:** [9606.ENSP00000303211](#)

**Molecular Weight:** Calculated MW: 67.8 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Specificity:** Predicted to react with Guinea pig ACHE.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.