

ACHE Antibody

ACHE, YT, acetylcholinesterase (YT blood group)

CATALOG NO.: 45-193

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

ACHE Antibody. This antibody is expected to recognise isoform NP_000656 only (the ubiquitously expressed, hydrophilic form).

SOURCE:

ACHE antibody was raised against a synthetic peptide of ACHE.

PROTEIN ACCESSION NUMBER(S) :

NP_000656.1

SPECIES REACTIVITY:

Human, Rat, Mouse, Cat, Rabbit

TESTED APPLICATION:

WB, E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:2000.
Western Blot: Approx 70kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 67.8kDa according to NP_000656.1). Recommended concentration: 1-3µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of ACHE in human cerebellum lysate (35µg protein in RIPA buffer) using ACHE antibody (1µg/mL).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Cottingham MG, Voskuil JL, Vaux DJ. The intact human acetylcholinesterase C-terminal oligomerization domain is alpha-helical in situ and in isolation, but a shorter fragment forms beta-sheet-rich amyloid fibrils and protofibrillar oligomers. *Biochemistry*.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.