

Datasheet for ABIN1742430  
**anti-ChT antibody (AA 501-580)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µg
Target:	ChT
Binding Specificity:	AA 501-580
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein of rat ChT (aa 501-580).
Clone:	62-2E8
Isotype:	IgG1
Specificity:	Specific for the high affinity choline transporter.
Purification:	purified IgG

## Target Details

Target:	ChT
Alternative Name:	ChT ( <a href="#">ChT Products</a> )
Background:	Synonyms: Choline transporter, SLC5A7

## Application Details

Application Notes:	WB: 1 : 1000 (AP staining) IHC: 1 : 100
Comment:	ChT aggregates after boiling, making it necessary to run SDS-PAGE with non-boiled samples.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL H <sub>2</sub> O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus lose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

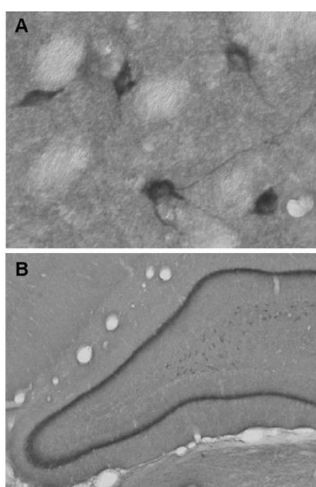
## Publications

Product cited in:	Otero, Fellows, Li, de Bizemont, Dirac, Gustafsson, Erdjument-Bromage, Tempst, Svejstrup: "Elongator, a multisubunit component of a novel RNA polymerase II holoenzyme for transcriptional elongation." in: <b>Molecular cell</b> , Vol. 3, Issue 1, pp. 109-18, (1999) ( <a href="#">PubMed</a> ).
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#### Western Blotting

**Image 1.** dilution: 1 : 1000, sample: enriched vesicles from rat spinal chord



#### Immunohistochemistry

**Image 2.** A: Indirect immunohistochemistry of a mouse striatum section (dilution 1 : 100). B: Indirect immunohistochemistry of a mouse hippocampus section (dilution 1 : 100). ChT positive structures were revealed with a biotinylated goat anti-mouse secondary antibody in combination with peroxidase coupled streptavidin. Nickle amplified diaminobenzidine was used as chromagen.