

Datasheet for ABIN724076

**anti-Choline Acetyltransferase antibody (AA 101-200) (Cy7)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | Choline Acetyltransferase (CHAT)                                                                                               |
| Binding Specificity: | AA 101-200                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat, Dog                                                                                                         |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This Choline Acetyltransferase antibody is conjugated to Cy7                                                                   |
| Application:         | Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ChAT |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Dog, Human, Mouse, Rat                                   |
| Predicted Reactivity: | Pig                                                      |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | Choline Acetyltransferase (CHAT)       |
| Alternative Name: | ChAT ( <a href="#">CHAT Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: CMS1A, CMS1A2, CHOACTASE, Choline O-acetyltransferase, ChAT, Choline acetylase<br>Background: Catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses. |
| Gene ID:    | 1103                                                                                                                                                                                                                   |
| UniProt:    | <a href="#">P28329</a>                                                                                                                                                                                                 |
| Pathways:   | <a href="#">Skeletal Muscle Fiber Development</a>                                                                                                                                                                      |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |