

Datasheet for ABIN880705

**anti-ABAT antibody (AA 151-250) (AbBy Fluor® 488)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | ABAT                                                                                                                           |
| Binding Specificity: | AA 151-250                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat                                                                                                              |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This ABAT antibody is conjugated to AbBy Fluor® 488                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | ABAT                                   |
| Alternative Name: | ABAT ( <a href="#">ABAT Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: GABAT, NPD009, GABA-AT, 4-aminobutyrate aminotransferase, mitochondrial, (S)-3-amino-2-methylpropionate transaminase, GABA aminotransferase, Gamma-amino-N-butyrate transaminase, GABA transaminase, GABA-T, L-AIBAT, ABAT<br><br>Background: Catalyzes the conversion of gamma-aminobutyrate and L-beta-aminoisobutyrate to succinate semialdehyde and methylmalonate semialdehyde, respectively. Can also convert delta-aminovalerate and beta-alanine. |
| Gene ID:    | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt:    | <a href="#">P80404</a>                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Pathways:   | <a href="#">Monocarboxylic Acid Catabolic Process</a>                                                                                                                                                                                                                                                                                                                                                                                                               |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | 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                                                                                                          |