

Datasheet for ABIN1394957

**anti-GABRB2 antibody (AA 301-400) (AbBy Fluor® 555)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | GABRB2                                                                                                                         |
| Binding Specificity: | AA 301-400                                                                                                                     |
| Reactivity:          | Human, Rat                                                                                                                     |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This GABRB2 antibody is conjugated to AbBy Fluor® 555                                                                          |
| 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 GABA A Receptor beta 2 + 3 |
| Isotype:              | IgG                                                                            |
| Cross-Reactivity:     | Human, Rat                                                                     |
| Predicted Reactivity: | Mouse                                                                          |
| Purification:         | Purified by Protein A.                                                         |

## Target Details

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Target:           | GABRB2                                                     |
| Alternative Name: | GABA A Receptor beta 2 ( <a href="#">GABRB2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: GABA A receptor beta 3 subunit, GABA alpha receptor beta 2 subunit, GABAA receptor beta 2 subunit, GABAA receptor beta 3 subunit, GABAA receptor subunit beta 2, GABAA receptor subunit beta 3, GABRB2, GABRB3, Gamma Aminobutyric Acid A receptor beta 3, Gamma Aminobutyric Acid receptor beta 2 subunit, Gamma aminobutyric acid receptor subunit beta 2, Gamma aminobutyric acid receptor subunit beta 3, Testis gamma aminobutyric acid receptor subunit beta 3, GBRB2_HUMAN.</p> <p>Background: Gamma-aminobutyric acid type A (GABAA) receptors are members of the neurotransmitter ligand-gated ion channels that mediate neuronal inhibition on binding GABA. The effects of GABA on GABAA receptors are modulated by a range of therapeutically important drugs, including barbiturates, anaesthetics and benzodiazepines.</p> |
| Pathways:   | <a href="#">Sensory Perception of Sound</a> , <a href="#">Synaptic Membrane</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                                                                                                          |