

Datasheet for ABIN1394927

## anti-GABRA2 antibody (AA 185-280) (AbBy Fluor® 555)



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### Overview

|                      |                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                |
| Target:              | GABRA2                                                                                                                                                |
| Binding Specificity: | AA 185-280                                                                                                                                            |
| Reactivity:          | Mouse, Rat                                                                                                                                            |
| Host:                | Rabbit                                                                                                                                                |
| Clonality:           | Polyclonal                                                                                                                                            |
| Conjugate:           | This GABRA2 antibody is conjugated to AbBy Fluor® 555                                                                                                 |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GABRA2/GABA A Receptor alpha 2 |
| Isotype:              | IgG                                                                                |
| Cross-Reactivity:     | Mouse, Rat                                                                         |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse,Rabbit                                                     |
| Purification:         | Purified by Protein A.                                                             |

### Target Details

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Target:           | GABRA2                                                             |
| Alternative Name: | GABRA2/GABA A Receptor alpha 2 ( <a href="#">GABRA2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: Gamma-aminobutyric acid receptor subunit alpha-2, GABA(A) receptor subunit alpha-2, GABRA2<br>Background: GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel. |
| Gene ID:    | 2555                                                                                                                                                                                                                                                                                                           |
| UniProt:    | <a href="#">P47869</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                                                                                                          |