

## Rabbit anti-Human GABRB3 Polyclonal Antibody | anti-GABRB3 antibody

GABRB3 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA232494 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

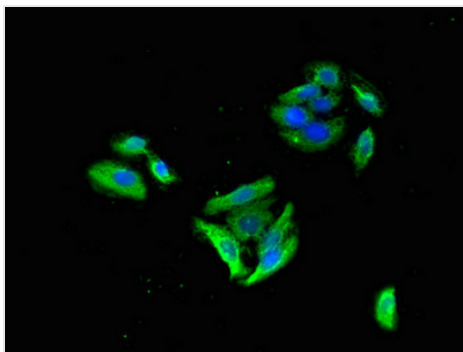
### PRODUCT SYNONYMS

GABRB3; Polyclonal Antibody; GABRB3 Antibody; Gamma-aminobutyric acid receptor subunit beta-3; GABA(A) receptor subunit beta-3; anti-GABRB3 antibody

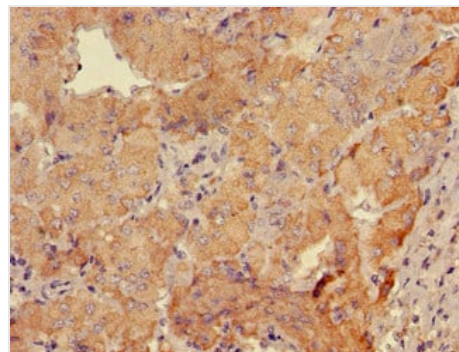
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                     |
| Isotype                                          | IgG                                                                                                            |
| Purity/Purification                              | >95%, Protein G purified                                                                                       |
| Form/Format                                      | Liquid                                                                                                         |
| Sequence Length                                  | 473                                                                                                            |
| Applicable Applications for anti-GABRB3 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                  |
| Immunogen                                        | Recombinant Human Gamma-aminobutyric acid receptor subunit beta-3 protein (328-450AA)                          |
| Preservative                                     | 0.03% Proclin 300                                                                                              |
| Constituents                                     | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                      | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-31430 / sc-31431 / sc-7364             |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

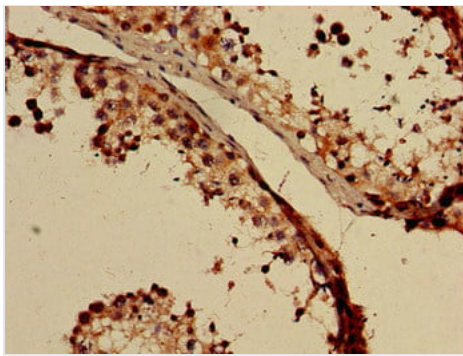
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescent analysis of HepG2 cells using AAA232494 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

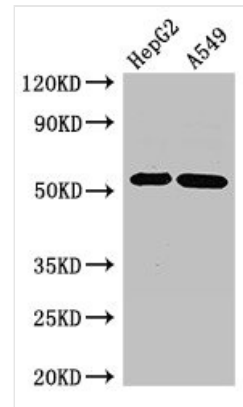

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA232494 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232494 at dilution of 1:100



#### WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate, A549 whole cell lysate. All lanes: GABRB3 antibody at 2.7ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 55, 47, 46 KDa. Observed band size: 55 KDa.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-GABRB3 antibody

Component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the vertebrate brain. Functions also as histamine receptor and mediates cellular responses to histamine. Functions as receptor for diazepam and various anesthetics, such as pentobarbital; these are bound at a separate allosteric effector binding site. Functions as ligand-gated chloride channel.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 4503867                                                   |
| NCBI GeneID                      | 2562                                                      |
| NCBI Accession #                 | NP_000805.1                                               |
| NCBI GenBank Nucleotide #        | NM_000814.5                                               |
| UniProt Accession #              | P28472; Q14352; Q96FM5; B7Z2W1; B7Z825; F5H3D2; H7BYV8    |
| Molecular Weight                 | 45,006 Da                                                 |
| NCBI Official Full Name          | gamma-aminobutyric acid receptor subunit beta-3 isoform 1 |
| NCBI Official Synonym Full Names | gamma-aminobutyric acid type A receptor beta3 subunit     |
| NCBI Official Symbol             | GABRB3                                                    |
| NCBI Official Synonym Symbols    | ECA5; EIEE43                                              |
| NCBI Protein Information         | gamma-aminobutyric acid receptor subunit beta-3           |
| UniProt Protein Name             | Gamma-aminobutyric acid receptor subunit beta-3           |
| UniProt Gene Name                | <b>GABRB3</b>                                             |
| UniProt Entry Name               | GBRB3_HUMAN                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/gabrb3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232494>