

## Rabbit anti-Human PRRG3 Polyclonal Antibody | anti-PRRG3 antibody

PRRG3 Antibody (Center)

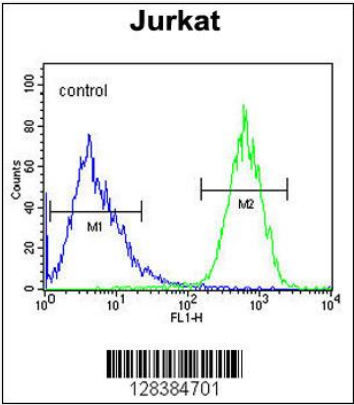
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                          |
|-----------|--------|------------|-------------------------------------------------------|
| AAA283859 | Rabbit | Human      | Western Blot, ELISA, Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

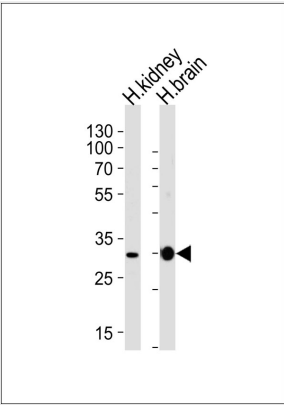
PRRG3; Polyclonal Antibody; PRRG3 Antibody (Center); Transmembrane gamma-carboxyglutamic acid protein 3; Proline-rich gamma-carboxyglutamic acid protein 3; Proline-rich Gla protein 3; PRGP3; TMG3; anti-PRRG3 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This PRRG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-150 amino acids from the Central region of human PRRG3.          |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 121-150                                                                                                                                                                      |
| Sequence Length                                 | 231                                                                                                                                                                          |
| Applicable Applications for anti-PRRG3 antibody | WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)                                                                                                                          |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**FCM/FACS (Flow Cytometry)**  
PRRG3 Antibody (Center) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
Western blot analysis of lysates from human kidney and brain tissue lysates (from left to right), using PRRG3 Antibody (Center). AAA283859 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

|                                                   |                       |
|---------------------------------------------------|-----------------------|
| Product Categories/Family for anti-PRRG3 antibody | Developmental Biology |
|---------------------------------------------------|-----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 284807142                                                   |
| NCBI GeneID                      | 79057                                                       |
| NCBI Accession #                 | NP_076987.3                                                 |
| NCBI GenBank Nucleotide #        | NM_024082.3                                                 |
| UniProt Accession #              | Q9BZD7; Q8N2N6; A1A523; A1A575                              |
| Molecular Weight                 | 25875                                                       |
| NCBI Official Full Name          | transmembrane gamma-carboxyglutamic acid protein 3          |
| NCBI Official Synonym Full Names | proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane) |
| NCBI Official Symbol             | PRRG3                                                       |
| NCBI Official Synonym Symbols    | TMG3; PRGP3                                                 |
| NCBI Protein Information         | transmembrane gamma-carboxyglutamic acid protein 3          |
| UniProt Protein Name             | Transmembrane gamma-carboxyglutamic acid protein 3          |
| UniProt Gene Name                | <b>PRRG3</b>                                                |
| UniProt Synonym Gene Names       | PRGP3; TMG3; Proline-rich Gla protein 3                     |
| UniProt Entry Name               | TMG3_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.