

## Rabbit anti-Human PARD6B Polyclonal Antibody | anti-PARD6B antibody

Anti-PARD6B Antibody, Rabbit Polyclonal

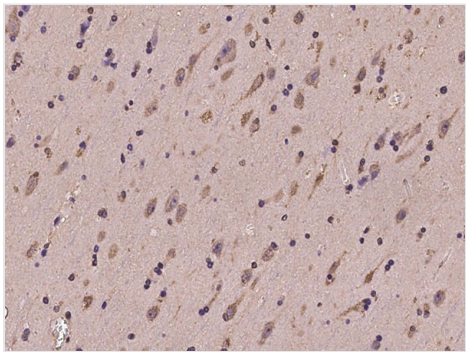
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA255956 | Rabbit | Human      | Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

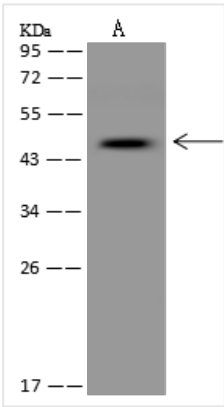
PARD6B; Polyclonal Antibody; Anti-PARD6B Antibody; Rabbit Polyclonal; PARD6B Antibody; Rabbit PAb; Antigen Affinity Purified; par-6 family cell polarity regulator beta; Anti-PAR6B Antibody; anti-PARD6B antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                          | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                      | Human PARD6B                                                                                                                                                                                                                                       |
| Purity/Purification                              | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                      | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-PARD6B antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                      |
| Immunogen                                        | E Coli-derived Human PARD6B fragment                                                                                                                                                                                                               |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                       |
| Preparation                                      | Produced in rabbits immunized with E Coli-derived Human PARD6B fragment, and purified by antigen affinity chromatography.                                                                                                                          |
| Preparation and Storage                          | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. |



**IHC (Immunohistochemistry)**  
Immunochemical staining of human PARD6B in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



**WB (Western Blot)**  
Anti-PARD6B rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 41 kDa Observed band size: 45 kDa

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PARD6B antibody | PARD6B (Par-6 Family Cell Polarity Regulator Beta) is a Protein Coding gene. The PARD6B gene, located on 20q13.13, is conserved in chimpanzee, Rhesus monkey, cow, mouse, rat, chicken, zebrafish, and frog. This gene is a member of the PAR6 family and encodes a protein with a PSD95/Discs-large/ZO1 (PDZ) domain, an OPR domain, and a semi-Cdc42/Rac interactive binding (CRIB) domain. This cytoplasmic protein is involved in asymmetrical cell division and cell polarization processes as a member of a multi-protein complex. PARD6B is widely expressed in the kidney, lung, and other tissues. Among its related pathways are G-protein signaling RAC1 in the cellular process and Ras signaling pathway. An important paralog of this gene is PARD6G. |
| References                                           | Yosifova A, et al. (2011) Genome-wide association study on bipolar disorder in the bulgarian population. Genes Brain Behav 10 (7): 789-797. Michaux G, et al. (2016) The localisation of the apical par/cdc42 polarity module is specifically affected in microvillus inclusion disease. Biol Cell 108 (1): 19-28. Durgan J, et al. (2011) Par6b and atypical pkc regulate mitotic spindle orientation during epithelial morphogenesis. J Biol Chem 286 (14): 12461-12474.                                                                                                                                                                                                                                                                                          |

**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.