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# anti-PARD3 antibody





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### Overview

Quantity:	200 μL
Target:	PARD3
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARD3 antibody is un-conjugated
Application:	Western Blotting (WB)

### **Product Details**

Immunogen:	Recombinant Rat Partitioning defective 3 homolog protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

# **Target Details**

Target:	PARD3
Alternative Name:	PARD3 (PARD3 Products)
Background:	This gene encodes a member of the PARD protein family. PARD family members interact with other PARD family members and other proteins, they affect asymmetrical cell division and
	direct polarized cell growth. Multiple alternatively spliced transcript variants have been
	described for this gene. PARD3 (Par-3 Family Cell Polarity Regulator) is a Protein Coding gene.

## **Target Details**

Diseases associated with PARD3 include Gamma Heavy Chain Disease and Enamel Caries. Among its related pathways are Transcriptional activity of SMAD2/SMAD3-SMAD4 heterotrimer and Ras signaling pathway. GO annotations related to this gene include protein phosphatase binding and phosphatidylinositol-4,5-bisphosphate binding. An important paralog of this gene is PARD3B.

Molecular Weight: Observed\_MW: 151 kDa

Calculated\_MW: 151 kDa

UniProt: Q9Z340

Pathways: Cell-Cell Junction Organization

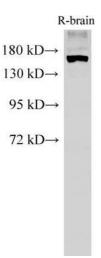
# **Application Details**

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

# Handling

Format:	Liquid
Concentration:	2 mg/mL
Buffer:	PBS with 0.05 % Proclin300 and 50 % glycerol, pH 7.4.
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. Avoid freeze / thaw cycles.



# **Western Blotting**

**Image 1.** Western Blot analysis of Rat brain tissue using PARD3A Polyclonal Antibody at dilution of 1:500