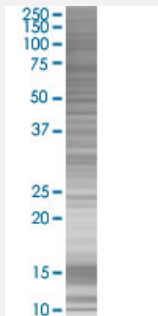


PARD3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056288-T01

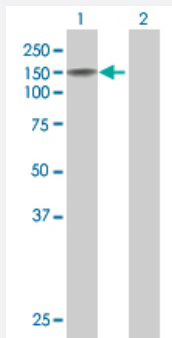
Size 100 uL

Applications



SDS-PAGE Gel

PARD3 transfected lysate.



Western Blot

Lane 1: PARD3 transfected lysate (149.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PARD3 full-length
Host	Human
Theoretical MW (kDa)	149.7
Interspecies Antigen Sequence	Mouse (89); Rat (88)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PARD3 antibody ([H00056288-B01](#)) by Western Blots.
SDS-PAGE Gel
PARD3 transfected lysate.
Western Blot
Lane 1: PARD3 transfected lysate (149.7 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PARD3

Entrez GeneID[56288](#)**GeneBank Accession#**[BC071566](#)**Protein Accession#**[AAH71566](#)**Gene Name**

PARD3

Gene Alias

ASIP, Baz, Bazooka, FLJ21015, PAR3, PAR3alpha, PARD3A, SE2-5L16, SE2-5LT1, SE2-5T2

Gene Description

par-3 partitioning defective 3 homolog (C. elegans)

Omim ID[606745](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

PARD proteins, which were first identified in C. elegans, are essential for asymmetric cell division and polarized growth, whereas CDC42 (MIM 116952) mediates the establishment of cell polarity. The CDC42 GTPase, which is controlled by nucleotide exchange factors (GEFs; see MIM 606057) and GTPase-activating proteins (GAPs; see MIM 604980), interacts with a large set of effector proteins that typically contain a CDC42/RAC (MIM 602048)-interactive binding (CRIB) domain.[supplied by OMIM]

Other Designations

OTTHUMP00000019428[atypical PKC isotype-specific interacting protein|partitioning-defective protein 3 homolog]

Pathway

- [Adherens junction](#)
- [Chemokine signaling pathway](#)
- [Endocytosis](#)
- [Neuroactive ligand-receptor interaction](#)
- [Tight junction](#)

Disease

- [Alzheimer Disease](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Colitis](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Tobacco Use Disorder](#)