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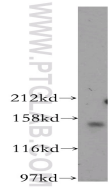
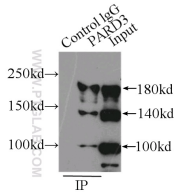
PARD3 Polyclonal Antibody

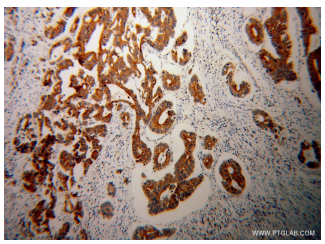
Catalog number: 11085-1-AP
Size: 21 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
PARD3; ASIP, Baz, Bazooka, CTCL tumor antigen se2 5, FLJ21015, PAR 3, PAR3, PAR3 alpha, PAR3A, PAR3alpha, PARD 3, PARD3, PARD3A, SE2 5L16, SE2 5LT1, SE2 5T2



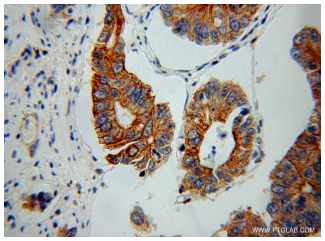
MCF7 cells were subjected to SDS PAGE followed by western blot with 11085-1-AP(PARD3 antibody) at dilution of 1:300

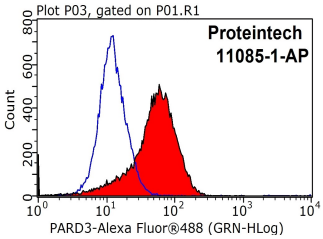


IP Result of anti-PARD3 (IP:11085-1-AP, 4ug; Detection:11085-1-AP 1:200) with MCF-7 cells lysate 2900ug.



Immunohistochemical of paraffin-embedded human colon cancer using 11085-1-AP(PARD3 antibody) at dilution of 1:50 (under 10x lens)





Background

PARD3 (also known as ASIP, Par3, or Bazooka) is one of PARD proteins which are essential for asymmetric cell division and polarized growth. PARD3 is involved in the establishment of cell polarity and in the asymmetric cytokinesis. It plays a role in tight junctions at epithelial cell-cell contacts. PARD3 has three splice isoforms at 100 kDa, 150 kDa, and 180 kDa. This polyclonal antibody raised against C-terminal 281 amino acids of human PARD3 recognizes these three isoforms.

Applications

Tested applications:	**ELISA, WB, IHC, FC, IP**
Cited applications:	**IF, IHC**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Mouse**
Caculated PARD3 MW:	**151 kDa**
Observed PARD3 MW:	**180, 140-150, 100 kDa**
Positive WB detected in	**MCF7 cells**
Positive IP detected in	**MCF-7 cells**
Positive IHC detected in	**Human colon cancer tissue, human lung cancer tissue**
Positive FC detected in	**MCF-7 cells**
Recommended dilution:	**WB: 1:200-1:2000**
	IP: 1:200-1:1000
	IHC: 1:20-1:200
	FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag1565**
GenBank accession number:	**BC011711**
Gene ID (NCBI):	**56288**
Full name:	**Par-3 partitioning defective 3 homolog (C. elegans)**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

Immunohistochemical of paraffin-embedded human colon cancer using 11085-1-AP(PARD3 antibody) at dilution of 1:50 (under 40x lens)

1X10^6 MCF-7 cells were stained with 0.2ug PARD3 antibody (11085-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.