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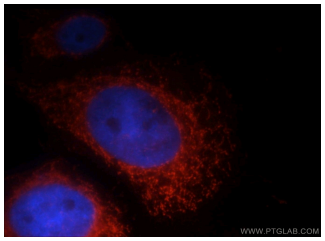
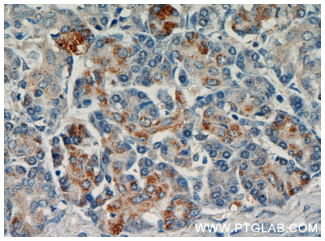
LRDD Polyclonal Antibody

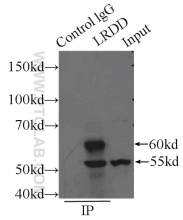
Catalog number: 12119-1-AP
Size: 45 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
LRDD; DKFZp434D229, LRDD, PIDD



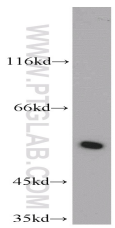
Immunofluorescent analysis of Hela cells, using LRDD antibody 12119-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human pancreas using 12119-1-AP(LRDD antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-LRDD (IP:12119-1-AP, 4ug; Detection:12119-1-AP 1:500) with L02 cells lysate 2800ug.



L02 cells were subjected to SDS PAGE followed by western blot with 12119-1-

Background

P53-induced protein with a death domain (PIDD/LRDD) is a component of the PIDDosome. PIDD contains 910 residues with 7 leucine rich repeats (LRRs), 2 ZU-5 domains and a C-terminal death domain (DD). PIDD can be cleaved into shorter fragments generating a PIDD-N fragment of 48 kD (residues 1-446), a PIDD-C fragment of 51 kD (residues 447-910) and a PIDD-CC fragment of 37 kD (residues 589-910). Auto-cleavage of PIDD determines the downstream signaling events. The PIDD-C fragment mediates activation of NFκB via the recruitment of RIP1 and NEMO, while PIDD-CC causes caspase-2 activation, which leads to apoptosis.

Applications

Tested applications:	**ELISA, IF, IP, WB, IHC**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated LRDD MW:	**893aa,98 kDa**
Observed LRDD MW:	**55 kDa**
Positive WB detected in	**L02 cells, HEK-293 cells**
Positive IP detected in	**L02 cells**
Positive IHC detected in	**Human pancreas tissue, human liver tissue**
Positive IF detected in	**Hela cells**
Recommended dilution:	**WB: 1:200-1:1000**
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:10-1:100

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

Immunogen information

Immunogen:	**Ag2761**
GenBank accession number:	**BC014904**
Gene ID (NCBI):	**55367**
Full name:	**Leucine-rich repeats and death domain containing**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

AP(LRDD antibody) at dilution of 1:300