

DRP1 Polyclonal Antibody

Catalog number: 12957-1-AP

Size: 24 µg/150 µl

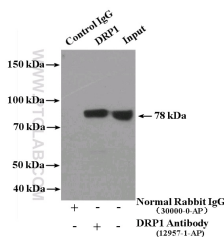
Source: Rabbit

Isotype: IgG

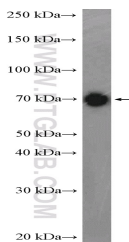
Synonyms:

DNM1L; DLP1, DNM1L, DRP1,

DYMPLE



IP Result of anti-DNM1L,DLP1 (IP:12957-1-AP, 4µg; Detection:12957-1-AP 1:500) with mouse brain tissue lysate 3600µg.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12957-1-AP(DN M1L,DLP1 Antibody) at dilution of 1:600

Background

DNM1L(Dynamin-1-like protein) , also known as dynamin-related protein 1 (DRP1), belongs to the dynamin family of large GTPases that mediate membrane remodeling during a variety of cellular processes. DNM1L has an important role in the division of growing mitochondria and peroxisomes and also mediates outer mitochondrial membrane fission in mammalian cells. DNM1L is ubiquitously expressed with abundant expression in skeletal muscle, heart, kidney and brain.Variable isoforms of DNM1L have been reported in a tissue-specific manner due to the alternative splicing.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Monkey, mouse
Calculated DRP1 MW:	710aa,79 kDa
Observed DRP1 MW:	75-80 kDa
Positive WB detected in	Mouse brain tissue, NIH/3T3 cells, Transfected HEK-293 cells
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

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

Immunogen information

Immunogen:	Ag3644
GenBank accession number:	BC024590
Gene ID (NCBI):	10059
Full name:	Dynamin 1-like

Product information

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