

Rabbit Anti-MPV17L/AF350 Conjugated antibody

SL17743R-AF350

Product Name	Anti-MPV17L/AF350
Chinese Name	AF350 标记的 MPV17L 蛋白抗体
Alias	FLJ39599; M LP homolog; M LPH; MGC70356; MLPH1; MLPH2; MPV17L; Mpv17 like protein type 1; Mpv17 like protein type 2; MPV17 mitochondrial membrane protein like; MPV17L1.
Research Area	Cell biology immunology Apoptosis
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	22kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human MPV17L
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: MPV17L is a 196 amino acid multi-pass membrane protein belonging to the peroxisomal membrane protein PXMP2/4 family. M-LPS (also known as M-LPH1) and M-LPL (also known as M-LPH2) are alternatively spliced isoforms of MPV17L and are ubiquitously expressed in human tissues,

however only M-LPS exists at the protein level and mainly resides in kidney. MPV17L may be involved in protecting against mitochondrial oxidative stress and apoptosis, and participates in reactive oxygen species (ROS) metabolism by up- or down-regulating genes of antioxidant enzymes. MPV17L may play a role in the development of early-onset glomerulosclerosis, which is the hardening or formation of scar tissue of the glomerulus in the kidney. The gene encoding MPV17L maps to human chromosome 16p13.11.

Function:

MPV17L Isoform 1 participates in reactive oxygen species metabolism by up- or down-regulation of the genes of antioxidant enzymes.

Subcellular Location:

Isoform 1: Peroxisome membrane; Multi-pass membrane protein.

Tissue Specificity:

Isoform 1 is detected in the kidney (at protein level). Isoform 1 and isoform 2 are expressed in the kidney, heart, liver, lung, pancreas and skeletal muscle.

Similarity:

Belongs to the peroxisomal membrane protein PXMP2/4 family.

Database links:

[Entrez Gene: 255027](#) Human

[SwissProt: Q2QL34](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.