bs-17743R **[Primary Antibody]**

MPV17L Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 255027 **SWISS:** Q2QL34

Target: MPV17L

Immunogen: KLH conjugated synthetic peptide derived from human MPV17L: 101-160/196.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)

Reactivity: (predicted: Human, Mouse)

Predicted MW.: 22 kDa

Subcellular Location: Cytoplasm

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