MPV17 polyclonal antibody

Catalog: BS33841 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Mitochondrial inner membrane protein Mpv17: Non-selective channel that modulates the membrane potential under normal conditions and oxidative stress, and is involved in mitochondrial homeostasis . Involved in mitochondrial deoxynucleoside triphosphates (dNTP) pool homeostasis and mitochondrial DNA (mtDNA) maintenance . May be involved in the regulation of reactive oxygen species metabolism and the control of oxidative phosphorylation (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~19.7 kDa

Swiss-Prot:

P39210

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

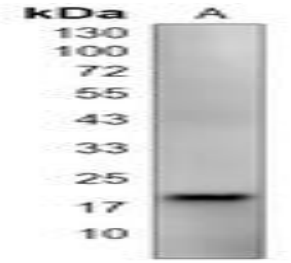
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of MPV17 protein

DATA:



Western blot analysis of OGG1 expression in H1792 (A), LO2 (B), A2780 (C), mouse kidney (D), rat lung (E) whole cell lysates. Immunohistochemical analysis of OGG1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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