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MPV17 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16090

Specification

MPV17 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P39210
Other Accession	XP_005264383
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**19kDa KDa**

MPV17 Antibody - C-terminal region - Additional Information

Gene ID 4358

Alias Symbol	**MPV17,**

Other Names
Protein Mpv17, MPV17

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 &mu, l of distilled water. Final Anti-MPV17 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
MPV17 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MPV17 Antibody - C-terminal region - Protein Information

Name MPV17

Function
Non-selective channel that modulates the membrane potential under normal conditions and oxidative stress, and is involved in mitochondrial homeostasis (PubMed:25861990). Involved in mitochondrial deoxynucleoside triphosphates (dNTP) pool homeostasis and mitochondrial DNA (mtDNA) maintenance (PubMed:26760297). May be involved in the regulation of reactive oxygen species metabolism and the control of oxidative phosphorylation (By similarity).

Cellular Location
Mitochondrion inner membrane; Multi-pass membrane protein

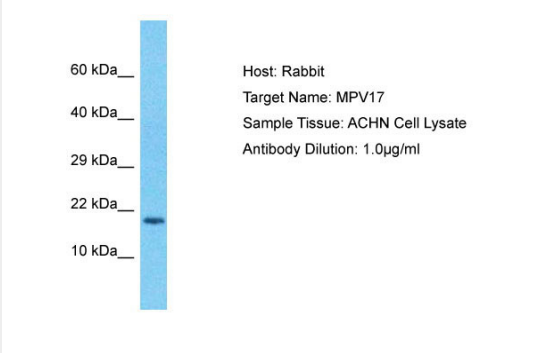
Tissue Location
Ubiquitous. Expressed in pancreas, kidney, muscle, liver, lung, placenta, brain and heart.

MPV17 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MPV17 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: MPV17
Sample Tissue: ACHN Whole cell lysate
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Antibody Dilution: 1.0µg/ml

MPV17 Antibody - C-terminal region - Background

Involved in mitochondria homeostasis. May be involved in the metabolism of reactive oxygen species and control of oxidative phosphorylation and mitochondrial DNA (mtDNA) maintenance.

MPV17 Antibody - C-terminal region - References

Karasawa M.,et al.Hum. Mol. Genet. 2:1829-1834(1993).
Weiher H.,et al.Adv. Nephrol. Necker Hosp. 22:37-42(1993).
Wang W.,et al.Nucleic Acids Res. 39:44-58(2011).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.