

**FKSG24 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56119****Specification**

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**FKSG24 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q567V2</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FKSG24
Epitope Specificity	121-206/206
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Multi-pass membrane protein (potential)
SIMILARITY	Belongs to the peroxisomal membrane protein PXMP2/4 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fcγ receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3. The MPV17L2 gene product has been provisionally designated MPV17L2 pending further characterization.

**FKSG24 Polyclonal Antibody - Additional Information****Gene ID** 84769**Other Names**

Mpv17-like protein 2, MPV17L2, FKSG24

**Dilution**

<span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class  
="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class  
="dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br  
\><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**FKSG24 Polyclonal Antibody - Protein Information**

**Name** MPV17L2

**Synonyms** FKSG24

**Function**

Required for the assembly and stability of the mitochondrial ribosome (PubMed:<a href="http://www.uniprot.org/citations/24948607" target="\_blank">24948607</a>). Is a positive regulator of mitochondrial protein synthesis (PubMed:<a href="http://www.uniprot.org/citations/24948607" target="\_blank">24948607</a>).

**Cellular Location**

Membrane; Multi-pass membrane protein. Mitochondrion inner membrane

**FKSG24 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FKSG24 Polyclonal Antibody - Images**