

**bs-21226R****[ Primary Antibody ]****SLC25A24 Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)  <b>Predicted MW.:</b> 53 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 29957	<b>SWISS:</b> Q6NUK1	
<b>Target:</b> SLC25A24		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SLC25A24: 121-220/477.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> SLC25A24 (Solute carrier family 25 member 24) is a calcium-dependent mitochondrial solute carrier. It may act as a ATP-Mg/Pi exchanger that mediates the transport of Mg-ATP in exchange for phosphate, catalyzing the net uptake or efflux of adenine nucleotides into or from the mitochondria.		

**— SELECTED CITATIONS —**

- **[IF=8.469]** Chen, Yan-Jie. et al. An integrated bioinformatic investigation of mitochondrial solute carrier family 25 (SLC25) in colon cancer followed by preliminary validation of member 5 (SLC25A5) in tumorigenesis. Cell Death Dis. 2022 Mar;13(3):1-16 IHC ;Human. 35288533