

CAB5769

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## Product Information

<b>Product SKU:</b>	CAB5769	<b>Gene ID:</b>	506	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	52kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	57kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel consists of three main subunits (a, b, c). This gene encodes the beta subunit of the catalytic core.
<b>Recommended Dilution:</b>	WB,1:10000 - 1:30000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	ATP5B; ATPMB; ATPSB; HUMOP2; HEL-S-271; ATPB
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 230-529 of human ATPB (NP_001677.2).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.