



# Rabbit Anti-Rat F1 ATP Synthase Alpha Subunit polyclonal antibody (DPABB-JX27)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	No cross reactivity has been observed with other ATPase subunits. Some species cross reactivity can be expected based on amino acid conservation.
<b>Immunogen</b>	Purified rat F1-ATP Synthase Alpha subunit
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Unpurified, antiserum
<b>Concentration</b>	~10 mg/mL
<b>Size</b>	100 µl
<b>Preservative</b>	None
<b>Storage</b>	Store at -20 °C or -80°C for long term. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

# BACKGROUND

## Introduction

ATP synthase is comprised of 2 major units, the Fo and F1. Five different subunits make up the F1 unit: 3  $\alpha$ , 3  $\beta$ , 1  $\delta$ , 1  $\gamma$ , and 1  $\epsilon$  subunits. The  $\alpha$  and  $\beta$  subunit are localized to the mitochondrial and plasma membranes and the  $\beta$  subunit is thought to be involved in the satiation response through binding to enterostatin.

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## Keywords

ATP synthase; F1 ATP Synthase Alpha; ATP5F1A; ATP synthase F1 subunit alpha

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