

Datasheet for ABIN7581188
anti-ATP5B antibody



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1 Image

Overview

Quantity:	100 µL
Target:	ATP5B
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit polyclonal antibody to rat F1-ATPase beta subunit.
Immunogen:	purified rat F1-ATP Synthase Beta subunit
Isotype:	IgG
Specificity:	No cross reactivity has been observed with other ATPase subunits. Some species cross reactivity can be expected based on amino acid conservation.
Purification:	antiserum

Target Details

Target:	ATP5B
Alternative Name:	F1-ATP Synthase Beta Subunit (ATP5B Products)
Background:	ATP synthase is comprised of 2 major units, the Fo and F1. Five different subunits make up the F1 unit: 3 α, 3 β, 1 δ, 1 γ, and 1 ε subunits. The α and β subunit are localized to the mitochondrial and plasma membranes and the β subunit is thought to be involved in the

Target Details

satiation response through binding to enterostatin.

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

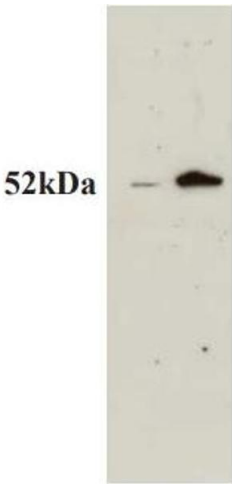
Application Details

Application Notes:	Western – 1:1000, IF – 1:100, Other in vitro and cellular applications are possible using this antibody, but have not been verified.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	no additives
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4 °C for up to 30 days. Aliquot and store at -20 °C if longer storage is necessary. Avoid repeated freeze/thaw cycles.

Images



Western Blotting

Image 1. Western blot of whole cell lysate from rat hypothalamus with 10x and 1x dilutions (left, right)