Datasheet for ABIN1536694

anti-ATP5F1D antibody (C-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	ATP5F1D
Binding Specificity:	AA 128-157, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5F1D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ATP5D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-157 amino acids from the C-terminal region of human ATP5D.
Clone:	RB36579
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ATP5F1D
Alternative Name:	ATP5D (ATP5F1D Products)
Background:	This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase

Target Details

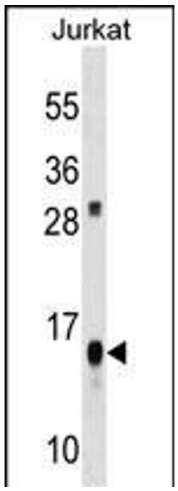
	catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. 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 delta subunit of the catalytic core. Alternatively spliced transcript variants encoding the same isoform have been identified.
Molecular Weight:	17490
Gene ID:	513
NCBI Accession:	NP_001001975, NP_001678
UniProt:	P30049
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	ATP5D Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. ATP5D Antibody (C-term) (ABIN1536694 and ABIN2848523) western blot analysis in Jurkat cell line lysates (35 µg/lane).This demonstrates the ATP5D antibody detected the ATP5D protein (arrow).