Datasheet for ABIN7300386

anti-ATP5G1 antibody (Center)

2 Images

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Overview

Quantity:	100 µL
Target:	ATP5G1
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5G1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATP5G1.
Specificity:	Recognizes endogenous levels of ATP5G1 protein.
Characteristics:	Rabbit polyclonal antibody to ATP5G1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ATP5G1
Alternative Name:	ATP5G1 (ATP5G1 Products)
Background:	ATP synthase F(0) complex subunit C1, mitochondrial, ATP synthase lipid-binding protein, ATP

Target Details

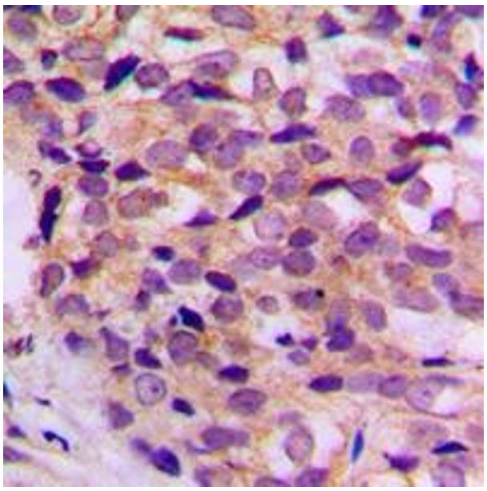
	synthase proteolipid P1, ATP synthase proton-transporting mitochondrial F(0) complex subunit C1, ATPase protein 9, ATPase subunit c
Gene ID:	516, 11951, 29754
UniProt:	P05496, Q9CR84, Q06645
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

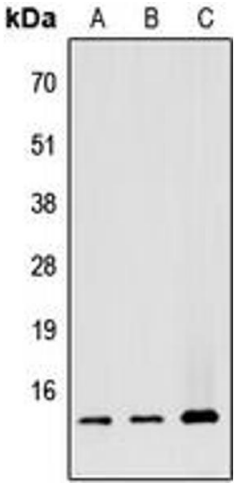
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemical analysis of ATP5G1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. w



Western Blotting

Image 2. Western blot analysis of ATP5G1 expression in HEK293T (A), Raw264.7 (B), H9C2 (C) whole cell lysates.