

ATP5A1 Antibody

Catalog No: #43046



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

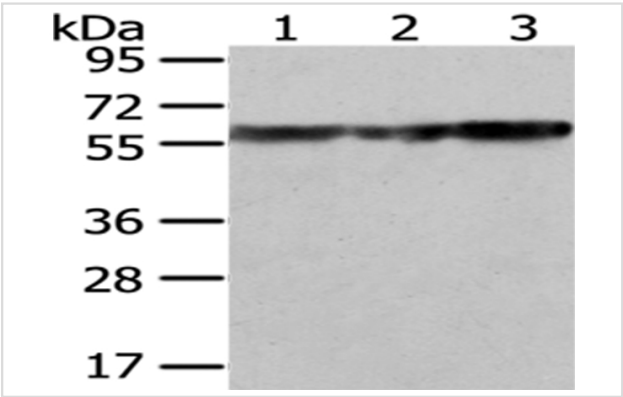
Product Name	ATP5A1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ATP5A1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human ATP5A1
Target Name	ATP5A1
Other Names	OMR; ORM; ATPM; MOM2; ATP5A; hATP1; MC5DN4; ATP5AL2; COXPD22; HEL-S-123m
Accession No.	Swiss-Prot#: P25705Gene ID: 498
Uniprot	P25705
GeneID	498;
Calculated MW	60kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

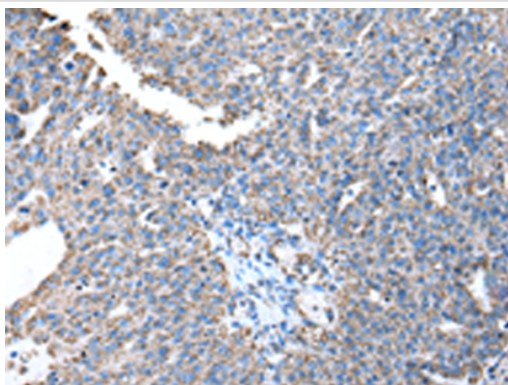
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

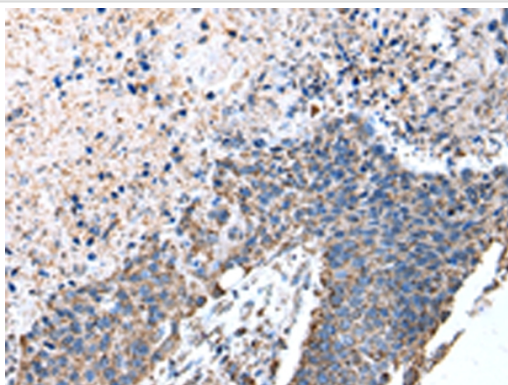
Images



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-3: Jurkat, 293T and MCF7 cell
Primary antibody: 1/400 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 second



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #43046 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #43046 at dilution 1/20.

Background

This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, using 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, F_o, comprising the proton channel.?

Note: This product is for in vitro research use only