

# [One Step] ATP5A1 Antibody Kit

Catalog No.: RK05624

## Basic Information

**Observed MW**

**Calculated MW**

**Category**

Primary antibody

## Background

### Component

Catalog No.	Product Name	Applications	Cross-Reactivity
AS014	HRP-conjugated Goat anti-Rabbit IgG (H+L)	ELISA,WB,IHC-P,DB	
A5884	ATP5A1 Rabbit pAb	ELISA,WB,IF/ICC	Human, Mouse, Rat

## Recommended Dilutions

**AS014 ELISA** 1:5000 - 1:10000

**A5884 WB** 1:500 - 1:1000

For more information please visit  
[www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**                      **Isotype**

**Purification**

**Storage**

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Immunogen Information

**Gene ID**

**Swiss Prot**

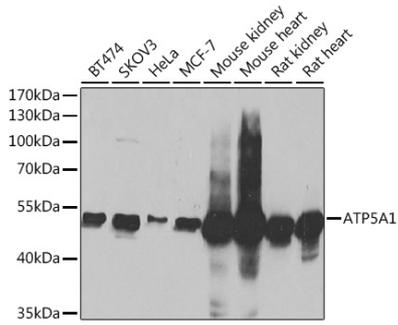
**Immunogen**

Rabbit IgG

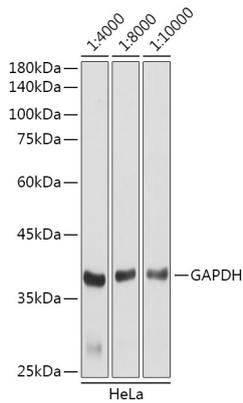
Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ATP5A1 (NP\_004037.1).

**Synonyms**

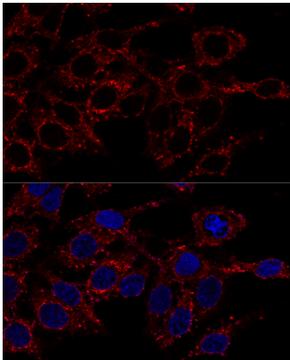
## Validation Data



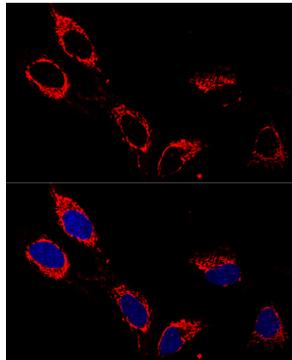
Western blot analysis of various lysates using ATP5A1 Rabbit pAb (A5884) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 1s.



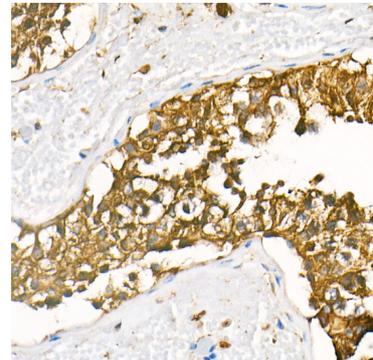
Western blot analysis of lysates from HeLa cells, using GAPDH (AC001) antibody as the primary antibody at dilution of 1:80000.  
 Secondary antibody: using HRP Goat Anti-Rabbit IgG (H+L) antibody (AS014) at 1:4000-1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 3s.



Confocal immunofluorescence analysis of HeLa cells using ATP5A1 Rabbit pAb (A5884) at dilution of 1:200. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U-2OS cells using ATP5A1 Rabbit pAb (A5884) at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of HRP Goat Anti-Rabbit IgG (H+L) in paraffin-embedded human testis tissue using HRP Goat Anti-Rabbit IgG (H+L) (AS014) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.