

Nur für Forschungszwecke

# ATP5F1 Monoklonaler Antikörper

Katalog-Nr.:68304-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 68304-1-Ig	<b>GenBank-Zugangsnummer:</b> BC005366	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von515 Nanodrop;	<b>GeneID (NCBI):</b> 515	<b>CloneNo.:</b> 1A10G9
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> ATP synthase, H+ transporting, mitochondrial FO complex, subunit B1	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 256 aa, 29 kDa	
<b>Immunogen Katalognummer:</b> AG8571	<b>Beobachtete Masse:</b> 25-30 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
WB, ELISA

**Getestete Reaktivität:**  
Human, Maus, Ratte

### Positivkontrollen:

**WB :** A549-Zellen, 4T1-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, NIH/3T3-Zellen

## Hintergrundinformationen

ATP5F1(ATP synthase subunit b) belongs to the eukaryotic ATPase B chain family. The ATP5F1 gene encodes subunit B of the mitochondrial ATP synthase Fo unit, which contains 214-amino acid with a 42-amino acid import signal(PMID:1831354). Mitochondrial membrane ATP synthase(F1FO ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

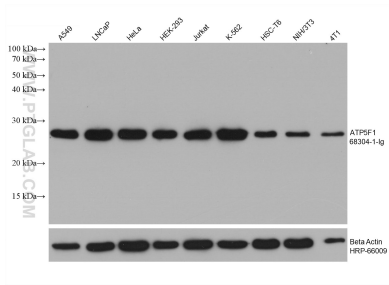
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68304-1-Ig (ATP5F1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.