

Nur für Forschungszwecke

ADPGK Monoklonaler Antikörper

Katalog-Nr.:68034-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68034-1-Ig	GenBank-Zugangsnummer: BC006112	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von83440 Nanodrop;	GeneID (NCBI): Vollständiger Name: ADP-dependent glucokinase	CloneNo.: 2B4B8
Wirt: Maus	Berechnete Masse: 497 aa, 54 kDa	Empfohlene Verdünnungen: WB 1:2000-1:10000
Isotyp: IgG1	Beobachtete Masse: 51 kDa	
Immunogen Katalognummer: AG31242		

Anwendungen

Geprüfte Anwendungen:
WB, ELISA
Getestete Reaktivität:
Human

Positivkontrollen:

WB : A549-Zellen, HeLa-Zellen, humanes Plazenta-Gewebe, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, THP-1-Zellen

Hintergrundinformationen

ADP-dependent glucokinase (ADPGK) has first been described 1994 in hyperthermophilic archaea as a novel glucose-phosphorylating enzyme dependent on ADP (adenosine diphosphate) instead of ATP (adenosine triphosphate). Highest ADPGK expression is found in immune cells of both myeloid and lymphoid lineages. Catalyzes the phosphorylation of D-glucose to D-glucose 6-phosphate using ADP as the phosphate donor. GDP and CDP can replace ADP, but with reduced efficiency (By similarity).

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

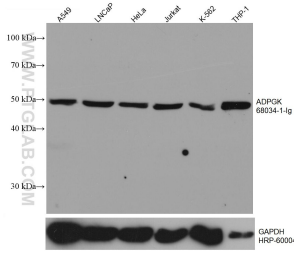
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

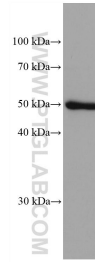
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

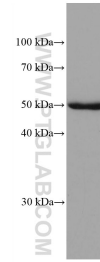
Ausgewählte Validierungsdaten



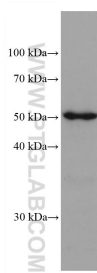
Various lysates were subjected to SDS PAGE followed by western blot with 68034-1-Ig (ADPGK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



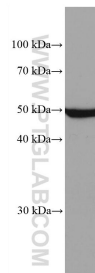
LNCaP cells were subjected to SDS PAGE followed by western blot with 68034-1-Ig (ADPGK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



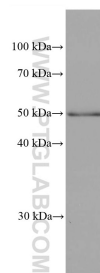
A549 cells were subjected to SDS PAGE followed by western blot with 68034-1-Ig (ADPGK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



HeLa cells were subjected to SDS PAGE followed by western blot with 68034-1-Ig (ADPGK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



THP-1 cells were subjected to SDS PAGE followed by western blot with 68034-1-Ig (ADPGK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



human placenta tissue were subjected to SDS PAGE followed by western blot with 68034-1-Ig (ADPGK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.