

Allgemeine Informationen

Katalog-Nr.: 27554-1-AP	GenBank-Zugangsnummer: BC022031	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 650 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 221264	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: adenylate kinase domain containing 2	
Isotyp: IgG	Berechnete Masse: 221 kDa	
Immunogen Katalognummer: AG25805	Beobachtete Masse: 45-50 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB,ELISA	Positivkontrollen: WB : SMMC-7721-Zellen, HepG2-Zellen, HuH-7-Zellen
Getestete Reaktivität: Human	IHC : humanes Herzgewebe, humanes Leberkarzinomgewebe
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

AK9, also named as adenylate kinase 9, belongs to adenylate kinase family, which is a small, usually monomeric, enzyme found in every living thing due to its crucial role in energetic metabolism(PMID: 30666486). AK9 is a nucleoside mono- and diphosphate kinase due to its broad phosphatase activity, the local concentration of substrates probably influences catalytic activity(PMID: 24495878). This antibody can detect 45-50 kDa band of AK9(PMID: 23416111).

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**

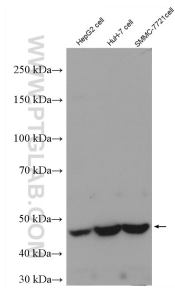
For technical support and original validation data for this product please contact:

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

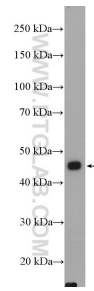
E: proteintech@ptglab.com
W: ptglab.com

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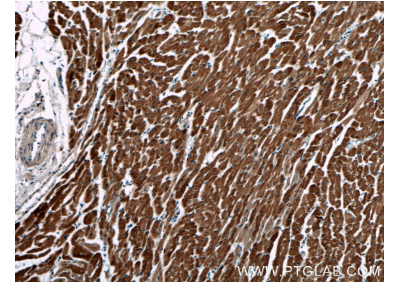
Ausgewählte Validierungsdaten



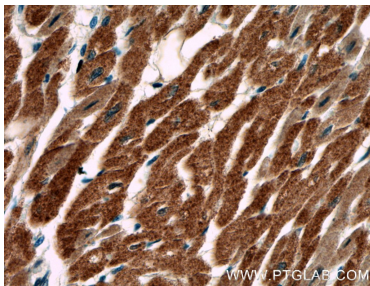
Various lysates lysate were subjected to SDS PAGE followed by western blot with 27554-1-AP (AKD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



SMMC-7721 cells were subjected to SDS PAGE followed by western blot with 27554-1-AP (AKD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 27554-1-AP (AKD2 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 27554-1-AP (AKD2 antibody) at dilution of 1:200 (under 40x lens).