

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 21112-1-AP	<b>GenBank-Zugangsnummer:</b> BC001539	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 700 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 22943	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:16000 IHC 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> dickkopf homolog 1 (Xenopus laevis)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 266 aa, 29 kDa	
<b>Immunogen Katalognummer:</b> AG15110	<b>Beobachtete Masse:</b> 30-35 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, WB, ELISA	<b>Positivkontrollen:</b> WB: A549-Zellen, K-562-Zellen
<b>In Publikationen genannte Anwendungen:</b> IHC, WB	<b>IHC:</b> humanes Gliomgewebe, humanes Plazenta-Gewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Kaninchen, Maus, Ratte	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

DKK1, also named a SK and Dickkopf-1, belongs to the dickkopf family. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease. SDS-PAGE and Western blot analysis demonstrated that DKK1 is expressed as a 35-kDa doublet protein, which is larger than the deduced molecular mass of 26 kDa. Sometime DKK1 is expressed as a 42- to 50-kDa secreted protein, with little change observed after glycanase treatment.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yimeng Cui	36185284	Front Oncol	WB
Haihua Zhang	31520488	Biofactors	
Guanxiong Ding	34697293	Cell Death Dis	WB

## Lagerung

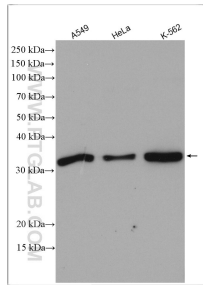
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

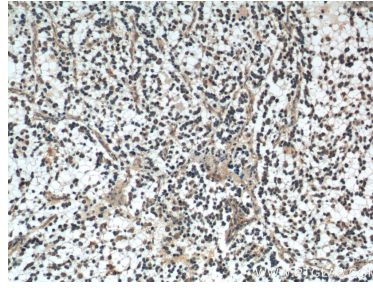
For technical support and original validation data for this product please contact:  
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
 E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
 W: [ptglab.com](http://ptglab.com)

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

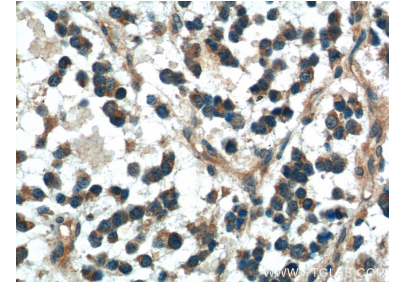
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 21112-1-AP (DKK1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 21112-1-AP (DKK1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 21112-1-AP (DKK1 Antibody) at dilution of 1:200 (under 40x lens).