

Allgemeine Informationen

Katalog-Nr.:
13624-1-AP

Größe:
150ul , Konzentration: 750 µg/ml von
Nanodrop und 327 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG4534

GenBank-Zugangsnummer:
BC031647

GeneID (NCBI):
84254

Vollständiger Name:
calcium/calmodulin-dependent
protein kinase kinase 1, alpha

Berechnete Masse:
520 aa, 57 kDa

Beobachtete Masse:
63 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 ug für IP und 1:500-1:2000
für WB
IHC 1:100-1:1000

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

**Hinweis-IHC: Antigenmaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigenmaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: Jurkat-Zellen,

IP: Jurkat-Zellen,

IHC: humanes Gliomgewebe, humanes Magengewebe

Hintergrundinformationen

Calcium/calmodulin-dependent protein kinase kinase 1 catalyzes the phosphorylation and activation of Ca(2+)/calmodulin kinase (CaMK) as an upstream component of the CaMK cascade that has been implicated in neuronal gene transcription, synaptic plasticity, and long-term memory consolidation. CAMKK1 has two isoforms of 56kda and 58kda and involved in regulating cell apoptosis, promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic BAD/Bcl2-antagonist of cell death. Researches showed that Camkk1 plays a selective role in contextual fear memory. This 66-68kda protein can be phosphorylated (probably antophosphorylation) (PMID:7961813). This antibody recognize the N-terminal of CAMKK1.

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)

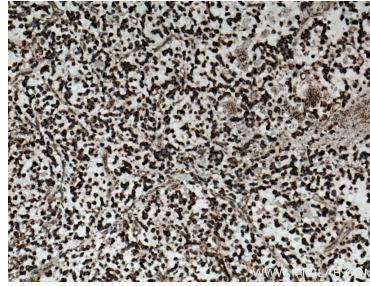
E: proteintech@ptglab.com
W: ptglab.com

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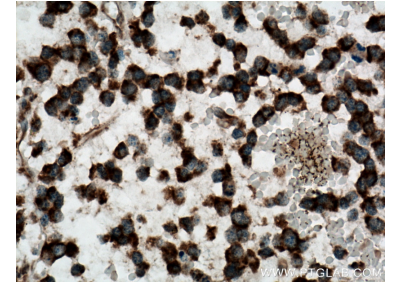
Ausgewählte Validierungsdaten



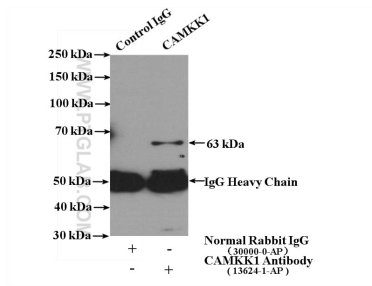
Jurkat cells were subjected to SDS PAGE followed by western blot with 13624-1-AP (CAMKK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13624-1-AP (CAMKK1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13624-1-AP (CAMKK1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CAMKK1 (IP:13624-1-AP, 4ug; Detection:13624-1-AP 1:1000) with Jurkat cells lysate 4000ug.