

Nur für Forschungszwecke

AKAP12 Polyklonaler Antikörper

Katalog-Nr.: 25199-1-AP

7 Publikationen



Allgemeine Informationen

Katalog-Nr.: 25199-1-AP	GenBank-Zugangsnummer: BC157067	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 750 µg/ml von Nanodrop;	GeneID (NCBI): 9590	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: A kinase (PKA) anchor protein 12	
Isotyp: IgG	Berechnete Masse: 1782 aa, 191 kDa	
Immunogen Katalognummer: AG17769	Beobachtete Masse: 200-300 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB: Rattenhirngewebe, IHC: Maushirngewebe, humanes Plazenta-Gewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

AKAP12, also named as AKAP250, is a 1782 amino acid protein, which contains three AKAP domains. AKAP12 localizes in the cytoplasm and is expressed in endothelial cells, cultured fibroblasts and osteosarcoma, but not in platelets, leukocytes, monocytic cell lines or peripheral blood cells. AKAP12 as an anchoring protein that mediates the subcellular compartmentation of protein kinase A (PKA) and protein kinase C (PKC). AKAP12 expression is known to be suppressed in several human malignancies including breast, prostate, gastric and colon cancers. AKAP12 has three isoforms, namely AKAP12A, AKAP12B and AKAP12C, with molecular weights of 305 kDa, 287 kDa and 250 kDa respectively. (PMID: 30385176, PMID: 15258566)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Patrick Deacon	31685872	Sci Rep	IF
Ying Liu	27840927	Mol Med Rep	WB
Xi Lan	32278306	Mol Ther Nucleic Acids	WB

Lagerung

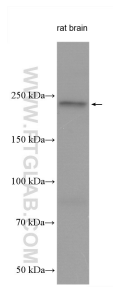
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

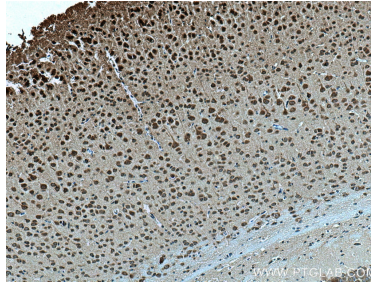
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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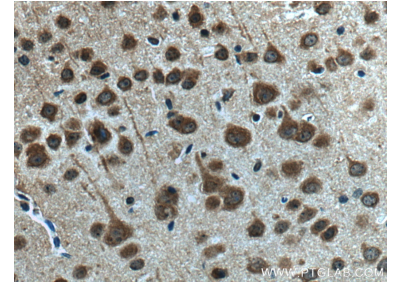
Ausgewählte Validierungsdaten



rat brain tissue were subjected to SDS PAGE followed by western blot with 25199-1-AP (AKAP12 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25199-1-AP (AKAP12 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 mouse brain tissue slide using 25199-1-AP (AKAP12 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).