

Allgemeine Informationen

Katalog-Nr.: 24275-1-AP	GenBank-Zugangsnummer: BC110388	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 1000 µg/ml von5745 Nanodrop;	GeneID (NCBI): 5745	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: parathyroid hormone 1 receptor	
Isotyp: IgG	Berechnete Masse: 593 aa, 66 kDa	
Immunogen Katalognummer: AG17577	Beobachtete Masse: 70-80 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus

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

Positivkontrollen:

WB : U2OS-Zellen, HepG2-Zellen, Mauslebergewebe

IHC : Mausnierengewebe, humanes Pankreaskarzinomgewebe

Hintergrundinformationen

PTH1R is a receptor for parathyroid hormone and parathyroid hormone-related peptide (PTHrP). PTH1R is a glycoprotein with seven transmembrane domains and it has an extracellular N-terminus region and an intracellular C-terminus region. The activity of PTH1R is mediated by G proteins which activate adenylyl cyclase. It has been reported that PTHrP and PTH1R are associated with the differentiation of bone and cartilage in the developing stages. PTH1R has several isoforms with 66/59 kDa and PTH1R can form a 120 kDa dimer in the non-reducing condition. 24275-1-AP antibody detects 80 kDa protein which is similar to the results reported in publications.(PMID: 19507249, 27160269)

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**

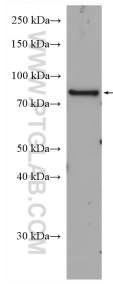
For technical support and original validation data for this product please contact:

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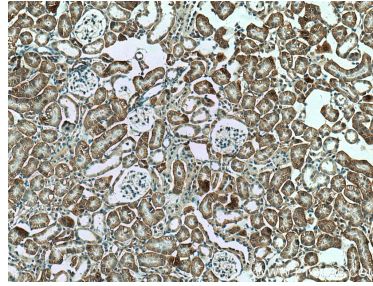
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Ausgewählte Validierungsdaten



U2OS cells were subjected to SDS PAGE followed by western blot with 24275-1-AP (PTH1R antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 24275-1-AP (PTH1R antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).