

Allgemeine Informationen

Katalog-Nr.: 13069-1-AP	GenBank-Zugangsnummer: BC074864	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 350 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 4824	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:400-1:1600
Wirt: Kaninchen	Vollständiger Name: NK3 homeobox 1	
Isotyp: IgG	Berechnete Masse: 234 aa, 26 kDa	
Immunogen Katalognummer: AG4070	Beobachtete Masse: 34-38 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB : LNCaP-Zellen, humanes Hodengewebe IHC : humanes Prostatakarzinomgewebe,
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

NKX3-1, also named as NKX3.1 and NKX3A, belongs to the NK-3 homeobox family. It is a transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. NKX3-1 plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. It act as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to inhibit proliferation and invasion activities of PC-3 prostate cancer cells(PMID:19462257). The calculated molecular weight of NKX3-1 is 26 kDa, but modified NKX3-1 is about 32-35 kDa. (PMID: 18597829)

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**

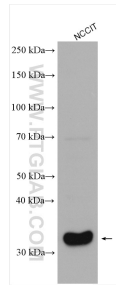
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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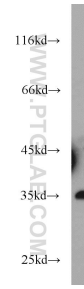
E: proteintech@ptglab.com
W: ptglab.com

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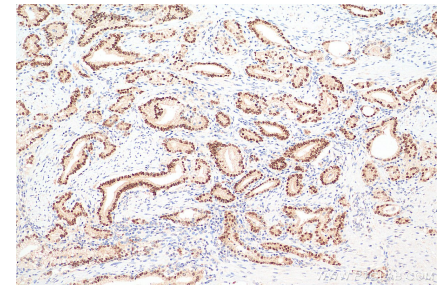
Ausgewählte Validierungsdaten



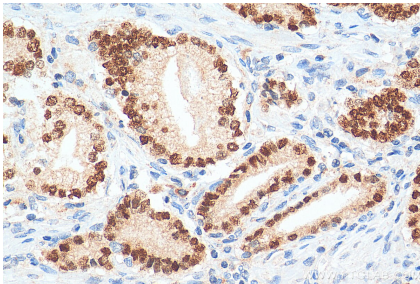
LNCaP cells were subjected to SDS PAGE followed by western blot with 13069-1-AP (NKX3-1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



human testis tissue were subjected to SDS PAGE followed by western blot with 13069-1-AP (NKX3-1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 13069-1-AP (NKX3-1 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 13069-1-AP (NKX3-1 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).