

Nur für Forschungszwecke

HMGA1 Polyklonaler Antikörper

Katalog-Nr.:29895-1-AP

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 29895-1-AP	GenBank-Zugangsnummer: BC071864	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 850 µg/ml von Nanodrop;	GeneID (NCBI): 3159	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: high mobility group AT-hook 1	
Isotyp: IgG	Beobachtete Masse: 20 kDa	
Immunogen Katalognummer: AG31866		

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HepG2-Zellen, MKN-45-Zellen
In Publikationen genannte Anwendungen: WB	IHC : humanes Prostatakarzinomgewebe, humanes Mammakarzinomgewebe, humanes Pankreaskarzinomgewebe
Getestete Reaktivität: Human	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

HMGA1, the high mobility group A1, encodes an oncofoetal protein that remodels the chromatin structure and promotes the interaction between transcriptional regulatory proteins and DNA in different cancers (PMID:8414980, PMID:11406267). The isoforms HMGA1a and HMGA1b can cross link DNA fibers in vitro and induce chromatin clustering in vivo (PMID:21596776). Mice lacking variant of HMGA1 are diabetic, show a cardiac hypertrophy and low levels of the insulin receptor (PMID:19664187). HMGA1 protein is mainly located in nucleus, especially in heterochromatin. HMGA1 is up-regulated in many tumours, including epithelial and mesenchymal tissue-originated tumours (PMID:30614613).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Shaoyu Wang	36776216	Pathol Oncol Res	WB

Lagerung

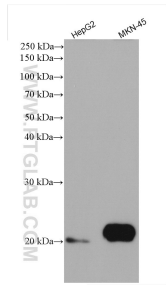
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

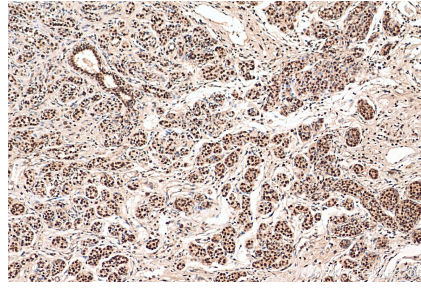
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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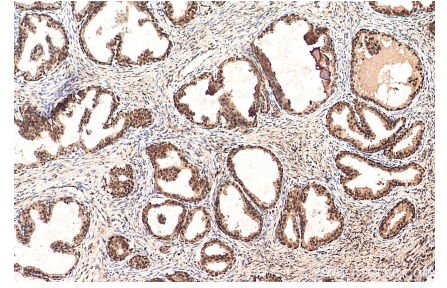
Ausgewählte Validierungsdaten



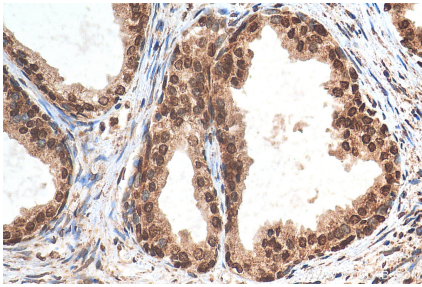
Various lysates were subjected to SDS PAGE followed by western blot with 29895-1-AP (HMGA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



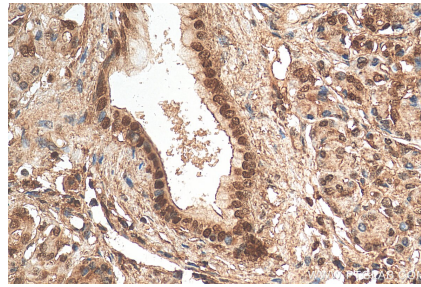
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



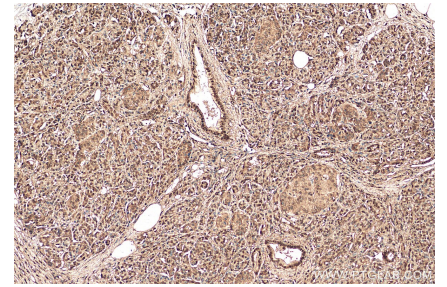
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).