

Nur für Forschungszwecke

HOXC4 Polyklonaler Antikörper

Katalog-Nr.: 14321-1-AP

Vorgestelltes Produkt

1 Publikationen



Allgemeine Informationen

Katalog-Nr.:
14321-1-AP

Größe:
150ul, Konzentration: 320 µg/ml von
Nanodrop und 320 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5563

GenBank-Zugangsnummer:
BC050442

GeneID (NCBI):
3221

Vollständiger Name:
homeobox C4

Berechnete Masse:
30 kDa

Beobachtete Masse:
39 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:5000-1:50000

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Ratte

Zitierte Arten:

Human

Positivkontrollen:

WB: Jurkat-Zellen, PC-12-Zellen, U-251-Zellen

IF: HeLa-Zellen,

Hintergrundinformationen

The class I homeobox (HOX) family of homeodomain-containing transcription factors has 39 members in mammals. These genes are distributed throughout the genome in four clusters: HOXA (7p15), HOXB (17q21), HOXC (12q13), and HOXD (2q31). HOX genes are known to act as transcription factors, playing an essential regulatory role in the temporal and spatial development of the embryo. HOXC family members are not expressed in normal prostate tissue but increased expression of HOXC genes is commonly detected in prostate cancers. HOXC4 is expressed in GC B cells and HoXC4 expression is specifically up-regulated by the same stimuli that induce AID expression (LPS, CD154 and IL-4). The calculated molecular weight of HOXC4 is 30 kDa. Sometimes higher molecular weight around 39 kDa can also be observed, which may be a modified variant of HOXC4 (PMID: 23178148, 32012197, 35400027).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Chao Liu	27689400	Oncotarget	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

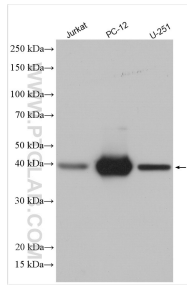
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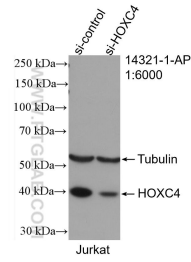
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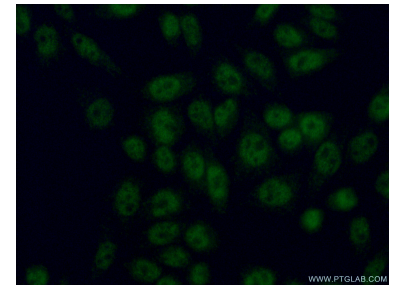
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 14321-1-AP (HOXC4 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



WB result of HOXC4 antibody (14321-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HOXC4 transfected Jurkat cells.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 14321-1-AP (HOXC4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).