

Allgemeine Informationen

Katalog-Nr.:

13147-1-AP

Größe:

150ul , Konzentration: 600 µg/ml von 2305 Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG3729

GenBank-Zugangsnummer:

BC006192

GeneID (NCBI):

2305

Vollständiger Name:

forkhead box M 1

Berechnete Masse:

83 kDa

Beobachtete Masse:

110 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IP 0.5-4.0 ug für IP und 1:500-1:1000

für WB

IHC 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

chIP, IP, RIP, WB

Getestete Reaktivität:

Human, Maus

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.

Positivkontrollen:

WB : HT-29-Zellen, A431-Zellen, HEK-293-Zellen, HeLa-Zellen, humanes Hodengewebe, L02-Zellen, Maushodengewebe, Maus-Kolongewebe, Mausmilzgewebe, Maus-Thymusgewebe, MCF-7-Zellen

IP : L02-Zellen,

IHC : humanes Pankreaskarzinomgewebe, humanes Kolongewebe

Hintergrundinformationen

Forkhead box M1 (FOXM1), also named as HNF-3, HFH-11 or Trident, belongs to a superfamily of Fox transcription factors. FOXM1 is strongly associated with cell proliferation, it plays a important role in cell cycle progression by regulating both G1/S and G2/M phases, it is also involved in DNA damage repair, angiogenesis, apoptosis and tissue regeneration. Recently, crucial roles of this transcription factor were found in the development and progression of many cancers including colorectal, lung, prostate, liver and breast cancer. FOXM1 levels are significantly higher and associated with tumor grade in most human tumors, rendering it a potential target of cancer diagnosis and therapies. Catalog#13147-1-AP is a rabbit polyclonal antibody raised against C-terminal of human FOXM1. And this antibody can recognize three kinds of FOXM1, FOXM1-pp(~95-110kDa), FOXM1-B(isoform2,~83kDa) and FOXM1A(isoform4, ~90kDa). Sometimes a molecular weight of about 65 kDa can also be observed, which may be a degradation form of FOXM1 (PMID: 26547933).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Junqi Fu	36133745	Mediators Inflamm	WB
Mingjie Zhang	26342429	Eur J Pharmacol	WB
Zhiwang Song	31598398	Am J Cancer Res	WB,IHC

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**

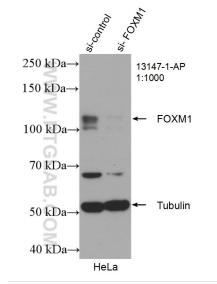
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

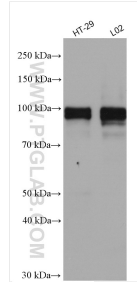
E: proteintech@ptglab.com
 W: ptglab.com

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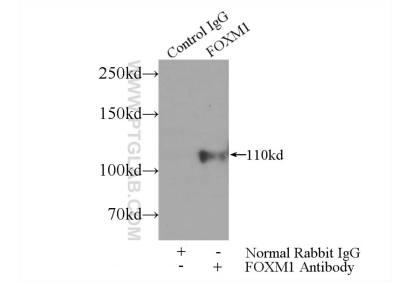
Ausgewählte Validierungsdaten



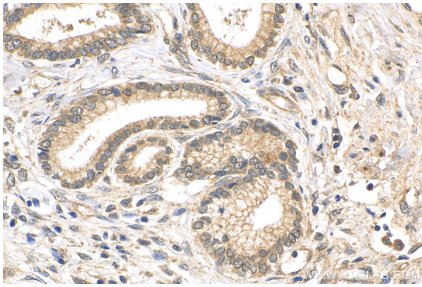
WB result of FOXM1 antibody (13147-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FOXM1 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 13147-1-AP (FOXM1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP Result of anti-FOXM1 (IP:13147-1-AP, 5ug; Detection:13147-1-AP 1:700) with LO2 cells lysate 1560ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 13147-1-AP (FOXM1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).