

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FOXA2



Numéro de catalogue: 22474-1-AP

Phare

16 Publications

Informations de base

Numéro de catalogue:
22474-1-AP

Taille:
150ul, Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG18221

Numéro d'acquisition GenBank:
BC011780

Identification du gène (NCBI):
3170

Nom complet:
forkhead box A2

MW calculé
457 aa, 48 kDa

MW observés:
55-65 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:1000-1:4000
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
ChIP, IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HT-29, cellules A549, cellules HepG2, cellules MDA-MB-231

IP : cellules HepG2,

IHC : tissu d'estomac de rat, tissu de cancer du côlon humain, tissu de cancer du foie humain, tissu pancréatique humain

IF : cellules HepG2,

Informations générales

FOXA2 also named as HNF 3 beta or TCF3B is a 457 amino acid protein, which contains one fork-head DNA-binding domains. FOXA2 can Shuttle between the nucleus and cytoplasm in a CRM1-dependent manner. Phosphorylation on FOXA2 Thr-156 abolishes binding to target promoters and subsequent transcription activation upon INS stimulation. FOXA2 as a transcription factor involves in embryonic development, establishment of tissue-specific gene expression and regulation of gene expression in differentiated tissues. The molecular weight of FOXA2 is 48kDa, but the phosphorylated FOXA2 may be a 55-65kDa protein.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lin Yang	31754329	Int J Biol Sci	WB
Yan Huang	36334352	Biomaterials	WB,IF
Sang Luo	34926672	Ann Transl Med	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

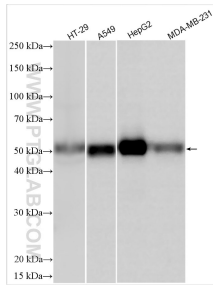
For technical support and original validation data for this product please contact:

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

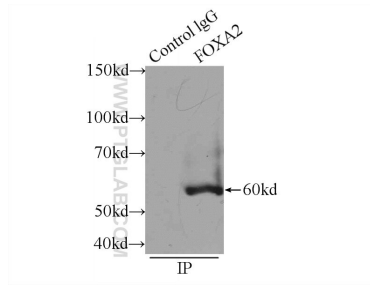
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

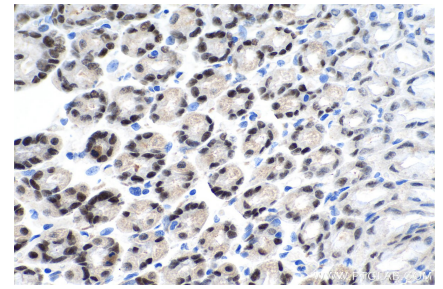
Données de validation sélectionnées



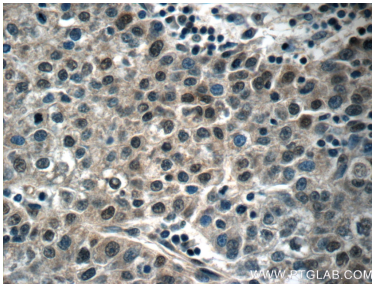
Various lysates were subjected to SDS PAGE followed by western blot with 22474-1-AP (FOXA2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



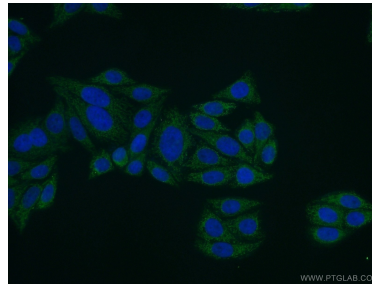
IP Result of anti-FOXA2 (IP:22474-1-AP, 3ug; Detection:22474-1-AP 1:300) with HepG2 cells lysate 1920ug.



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using 22474-1-AP (FOXA2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22474-1-AP (FOXA2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 22474-1-AP (FOXA2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).