

À des fins de recherche uniquement

Anticorps Monoclonal anti-HOXA7

Numéro de catalogue: 67112-1-Ig **3 Publications**



Informations de base

Numéro de catalogue: 67112-1-Ig	Numéro d'acquisition GenBank: BC148692	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 2500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3204	CloneNo.: 2A7H6
Hôte: Mouse	Nom complet: homeobox A7	Dilutions recommandées: WB 1:1000-1:6000 IF 1:50-1:500
Isotype: IgG1	MW calculé: 230 aa, 25 kDa	
Immunogen Catalog Number: AG19025	MW observés: 20 kDa	

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules THP-1, cellules HepG2, cellules HL-60, cellules HT-29, cellules K-562, cellules SMMC-7721

IF : cellules HepG2,

Informations générales

HOX genes play a fundamental role in the development of the vertebrate central nervous system, heart, axial skeleton, limbs, gut, urogenital tract and external genitalia. The homeobox gene Hoxa-1 is transcriptionally regulated by retinoic acid (RA) and encodes a transcription factor, which has been shown to play important roles in cell differentiation and embryogenesis. Hoxa-1 is also expressed in cancers, such as mammary tumors, though it is not expressed in normal gland or in precancerous mammary tissues. At embryonic stages, Hoxa-2 is expressed in the mesenchyme and epithelial cells of palate, however its expression is restricted to the tips of the growing palatal shelves. Hoxa-2 protein is predominantly expressed in the nuclei of cells in the ventral mantle region of the developing embryo. In the developing and adult mouse spinal cord, Hoxa-2 protein may contribute to dorsal-ventral patterning and/or to the specification of neuronal phenotype. Hoxa-7 functions as a potent transcriptional repressor and its action as such requires several domains, including both activator and repressor regions. Hoxa-7 is expressed in the fetal liver, lung, skeletal muscle, kidney, pancreas and placenta.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jun-Pu Zha	32650806	J Orthop Surg Res	WB
Jun Li	34978042	Reprod Sci	WB
Anqi Feng	37248653	Cancer Sci	WB, IHC, IF

Stockage

Stockage:

Stocker à -20 °C.

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.

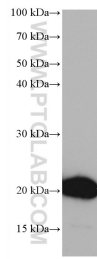
For technical support and original validation data for this product please contact:

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

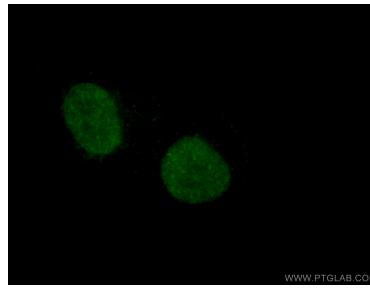
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



THP-1 cells were subjected to SDS PAGE followed by western blot with 67112-1-Ig (HOXA7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 67112-1-Ig (HOXA7 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).