

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DKK3



Numéro de catalogue: 10365-1-AP

Phare

20 Publications

Informations de base

Numéro de catalogue: 10365-1-AP	Numéro d'acquisition GenBank: BC007660	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 650 µg/ml by Nanodrop and 393 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 27122	Dilutions recommandées: WB 1:500-1:2000 IHC 1:250-1:1000 IF 1:20-1:200
Hôte: Lapin	Nom complet: dickkopf homolog 3 (Xenopus laevis)	
Isotype: IgG	MW calculé: 38 kDa	
Immunogen Catalog Number: AG0417	MW observés: 38-55 kDa	

Applications

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

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
canin, Humain, rat, souris

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

Contrôles positifs:

WB : cellules HUVEC, cellules MCF-7

IHC : tissu de cancer du foie humain,

IF : cellules SH-SY5Y,

Informations générales

DKK3, also named as REIC, belongs to the dickkopf family. It antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer's disease. The adenovirus carrying REIC/Dkk-3 (Ad-REIC) exhibits a potent tumor-specific cell-killing function for various human cancers. It has also become evident that some human cancers are resistant to Ad-REIC-induced apoptosis. The DKK3 is a Glycosylation protein with MW about 55 kDa or 38-43 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lulin Huang	36115892	Sci China Life Sci	IF
Laury Amelia Roa Fuentes	36303276	Eur J Oral Sci	IHC
Bo Liu	31772644	Exp Ther Med	WB,IHC

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.

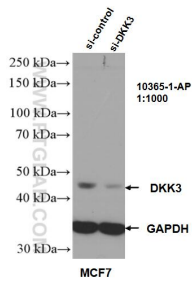
For technical support and original validation data for this product please contact:

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

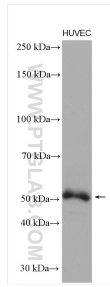
E: proteintech@ptglab.com
W: ptglab.com

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

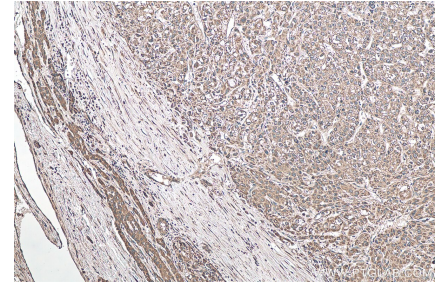
Données de validation sélectionnées



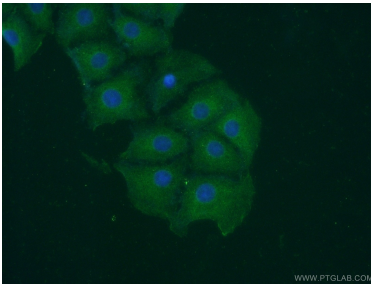
WB result of DKK3 antibody (10365-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DKK3 transfected MCF-7 cells.



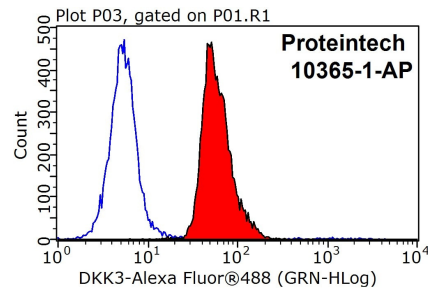
HUVEC cells were subjected to SDS PAGE followed by western blot with 10365-1-AP (DKK3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10365-1-AP (DKK3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of SH-SY5Y cells using 10365-1-AP (DKK3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HepG2 cells were stained with 0.2ug DKK3 antibody (10365-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.