

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ZEB2



Numéro de catalogue: 14026-1-AP

Phare

55 Publications

## Informations de base

Numéro de catalogue: 14026-1-AP	Numéro d'acquisition GenBank: BC060819	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 850 µg/ml by Nanodrop;	Identification du gène (NCBI): 9839	Dilutions recommandées: WB 1:2000-1:12000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: zinc finger E-box binding homeobox 2	
Isotype: IgG	MW calculé: 136 kDa	
Immunogen Catalog Number: AG5171	MW observés: 150-170 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

IF, IHC, WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, poisson-zèbre, rat, 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 A549, cellules HeLa, cellules HepG2

IHC : tissu de gliome humain, tissu de cancer du poumon humain, tissu de carcinome à cellules rénales humain

## Informations générales

Zinc finger E-box-binding homeobox (ZEB2) is a key transcription factor that acts as a multifunctional regulator during nervous system development. ZEB2 contains two zinc finger domains and a homeodomain-like sequence and interacts with the TGF- $\beta$  superfamily signaling regulators, Smads, to regulate the expression of their downstream genes. ZEB2 is expressed in the developing neural tube, as well as in neural crest cells, the hippocampus and the cerebral cortex. ZEB2 has previously been implicated in EMT, cell-cycle progression, apoptosis and senescence. ZEB2 was overexpressed in bladder, ovarian, stomach, pancreatic and squamous cell carcinoma, in the intestinal subtype of stomach cancers, and at the invasive front of CRC where EMT is most prominent. ZEB2 also mediates cell-fate decision in neuronal, T cells and hematopoietic stem cells. The calculated molecular weight of ZEB2 is 136 kDa, but we find the 95 kDa band in some publication (PMID: 27659015)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Liming Wang	31566718	J Cell Physiol	WB
Rongkun Li	34568024	Front Oncol	WB
Mengying Li	34492118	J Periodontal Res	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.

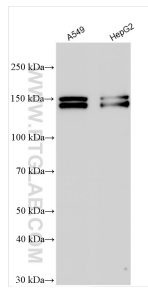
For technical support and original validation data for this product please contact:

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

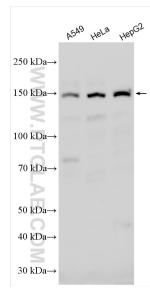
E: proteintech@ptglab.com  
W: ptglab.com

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

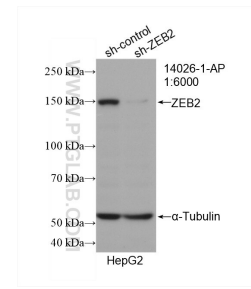
## Données de validation sélectionnées



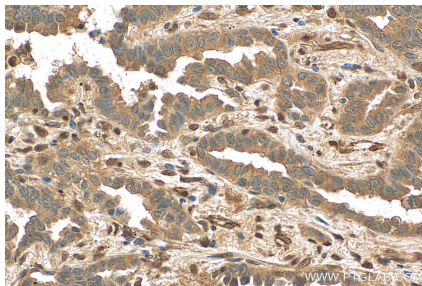
Various lysates were subjected to SDS PAGE followed by western blot with 14026-1-AP (ZEB2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



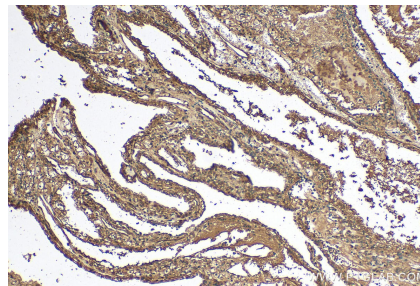
Various lysates were subjected to SDS PAGE followed by western blot with 14026-1-AP (ZEB2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



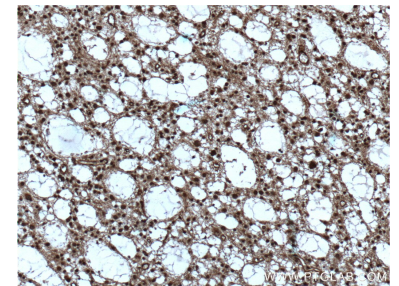
WB result of ZEB2 antibody (14026-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ZEB2 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14026-1-AP (ZEB2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 14026-1-AP (ZEB2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14026-1-AP (ZEB2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).