

À des fins de recherche uniquement

Anticorps Monoclonal anti-Amphiregulin



Numéro de catalogue: 66433-1-Ig **3 Publications**

Informations de base

Numéro de catalogue: 66433-1-Ig	Numéro d'acquisition GenBank: BC009799	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1500 µg/ml by 374 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): amphiregulin	CloneNo.: 1A1G9
Hôte: Mouse	Nom complet: amphiregulin	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:50-1:500
Isotype: IgG1	MW calculé: 252 aa, 28 kDa	
Immunogen Catalog Number: AG8907	MW observés: 50 kDa, 37 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, porc, rat

Espèces citées:

Humain

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 A549, cellules MCF-7, tissu cérébral de porc, tissu cérébral de rat

IHC : tissu de cancer du pancréas humain, tissu de cancer du côlon humain

Informations générales

Amphiregulin (AREG) is one of the ligands of the epidermal growth factor receptor (EGFR). AREG plays a central role in mammary gland development and branching morphogenesis in organs and is expressed both in physiological and in cancerous tissues. The AREG protein is synthesized as a 252-amino acid transmembrane precursor, pro-AREG. At the plasma membrane, pro-AREG is subjected to sequential proteolytic cleavages within its ectodomain and is then released as the soluble AREG protein. Depending on the cell type and microenvironment, AREG can be produced in multiple cellular and mature forms using alternative pro-AREG cleavage sites and glycosylation motifs. Post-translational modifications of 50-kDa pro-AREG produces a major soluble 43-kDa form, 28-, 26-, 16-kDa membrane anchored forms, and soluble 21-, 19-, and 9-kDa forms (PMID: 9642297).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jie Liu	30745837	Int J Biol Sci	
Yingjian Huang	34358528	J Invest Dermatol	WB
Yiyun Chen	37652019	Cell Rep 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.

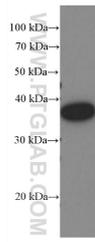
For technical support and original validation data for this product please contact:

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

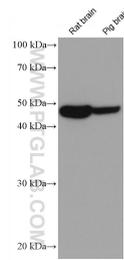
E: proteintech@ptglab.com
W: ptglab.com

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

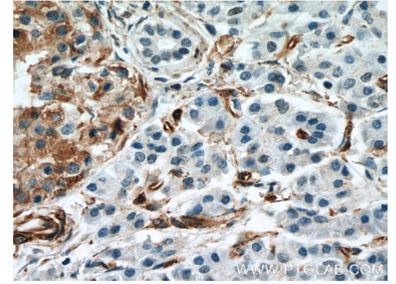
Données de validation sélectionnées



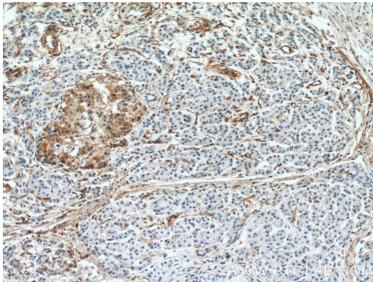
A549 cells were subjected to SDS PAGE followed by western blot with 66433-1-Ig (Amphiregulin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 66433-1-Ig (Amphiregulin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66433-1-Ig (Amphiregulin antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66433-1-Ig (Amphiregulin antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).