

For Research Use Only

Cadherin-11 Polyclonal antibody

Catalog Number: 12028-1-AP



Basic Information

Catalog Number: 12028-1-AP	GenBank Accession Number: BC013609	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Nanodrop;	GeneID (NCBI): 1009	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: cadherin 11, type 2, OB-cadherin (osteoblast)	
Isotype: IgG	Calculated MW: 796 aa, 88 kDa	
Immunogen Catalog Number: AG2659	Observed MW: 120 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PC-3 cells,
Species Specificity: human	

Background Information

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. Cadherin-11 (CDH11), also known as osteoblast cadherin (OB-cadherin) or OSF-4, was identified initially in a mouse osteoblastic cell line and human osteosarcoma (PMID: 8163513). Cadherin-11 is a single pass transmembrane protein consisting of an extracellular domain which contains five repeat sequences (EC1-EC5), a transmembrane segment and a cytoplasmic domain which links catenins to the actin and microtubule cytoskeleton (PMID: 8163513; 33442417). It has been shown that cadherin-11 plays important roles in the occurrence and development of a lot of diseases, arthritis, cancer, aortic calcification disease, dermatosis (PMID: 33442417).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

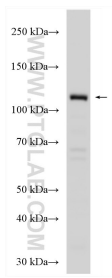
For technical support and original validation data for this product please contact:

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.

Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 12028-1-AP (Cadherin-11 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.