

For Research Use Only

Cadherin-11 Polyclonal antibody, PBS Only

Catalog Number: 12028-1-PBS



Basic Information

Catalog Number: 12028-1-PBS	GenBank Accession Number: BC013609	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1009	
Source: Rabbit	UNIPROT ID: P55287	
Isotype: IgG	Full Name: cadherin 11, type 2, OB-cadherin (osteoblast)	
Immunogen Catalog Number: AG2659	Calculated MW: 796 aa, 88 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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

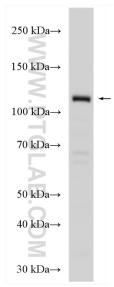
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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
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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. This data was developed using the same antibody clone with 12028-1-PBS in a different storage buffer formulation.