

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: 260 µg/ml	GeneID (NCBI): 1009	Recommended Dilutions: WB 1:200-1:1000
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, 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

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

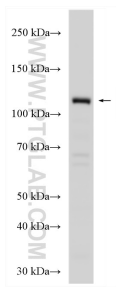
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Selected Validation Data



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.