

For Research Use Only

Biotin-conjugated P-cadherin Polyclonal antibody



Catalog Number: **Biotin-13773** 1 Publications

Basic Information

Catalog Number: Biotin-13773	GenBank Accession Number: BC041846	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 1001	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P22223	
Isotype: IgG	Full Name: cadherin 3, type 1, P-cadherin (placental)	
Immunogen Catalog Number: AG4758	Calculated MW: 829 aa, 91 kDa	

Applications

Tested Applications: IHC	Positive Controls: IHC : human breast cancer tissue,
Cited Applications: IHC	
Species Specificity: human, mouse, rat	
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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. P-cadherin (placental cadherin), also known as CDH3 (cadherin 3), is a classical member of the cadherin superfamily which also include E-, N-, R-, and B-cadherins. Aberrant expression of P-cadherin has been reported in many cancers, including breast, gastric, endometrial, ovarian, and prostate cancer.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaolin Ren	32035093	J Invest Dermatol	IHC

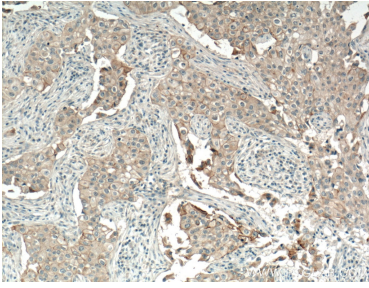
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

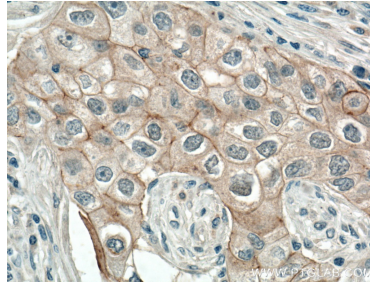
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using Biotin-13773 (P-cadherin antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using Biotin-13773 (P-cadherin antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).