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CDH3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1499B

Product Information

Application	IHC-P, WB, E
Primary Accession	P22223
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB13698
Calculated MW	91418
Antigen Region	660-688

Additional Information

Gene ID	1001
Other Names	Cadherin-3, Placental cadherin, P-cadherin, CDH3, CDHP
Target/Specificity	This CDH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 660-688 amino acids from the C-terminal region of human CDH3.
Dilution	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CDH3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CDH3
Synonyms	CDHP
Function	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting

	cells; cadherins may thus contribute to the sorting of heterogeneous cell types.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in some normal epithelial tissues and in some carcinoma cell lines.

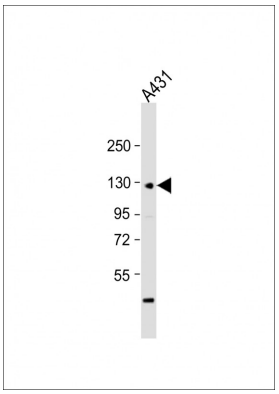
Background

CDH3 is a classical cadherin from the cadherin superfamily. It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in the gene encoding CDH3 have been associated with congential hypotrichosis with juvenile macular dystrophy.

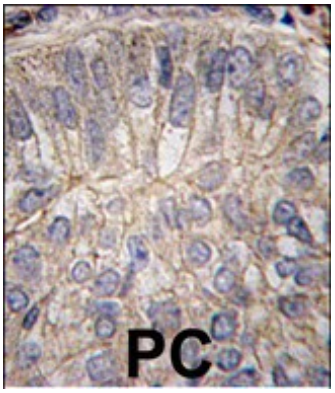
References

Indelman,M., Clin. Exp. Dermatol. 32 (2), 191-196 (2007)
Paredes,J., Clin. Cancer Res. 11 (16), 5869-5877 (2005)

Images



Anti-CDH3 Antibody (C-term) at 1:1000 dilution + A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with CDH3 antibody (C-term) (Cat.#AP1499b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Citations

- Progression Risk Score Estimation Based on Immunostaining Data in Oral Cancer Using Unsupervised Hierarchical Clustering Analysis: A Retrospective Study in Taiwan

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.