

Datasheet for ABIN357039

anti-P-Cadherin antibody (C-Term)

3 Images

1 Publication

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Overview

Quantity:	0.4 mL
Target:	P-Cadherin (CDH3)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P-Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human CDH3.
Isotype:	Ig Fraction
Specificity:	This antibody detects CDH3 at C-term.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. Then the antibody is purified by peptide affinity purification.

Target Details

Target:	P-Cadherin (CDH3)
Alternative Name:	Cadherin-3 (CDH3 Products)

Target Details

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 congenital hypotrichosis with juvenile macular dystrophy. Synonyms: CDH3, CDHP, Cadherin P, P-Cadherin, Placental cadherin
Molecular Weight:	91418 Da
Gene ID:	1001, 9606
UniProt:	P22223

Application Details

Application Notes:	ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Publications

Product cited in:	Broussard, Kim, Wiley, Marquez, Annis, Pritchard, Disis: "Identification of putative immunologic targets for colon cancer prevention based on conserved gene upregulation from preinvasive to malignant lesions." in: Cancer prevention research (Philadelphia, Pa.) , Vol. 6, Issue 7, pp. 666-
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Images

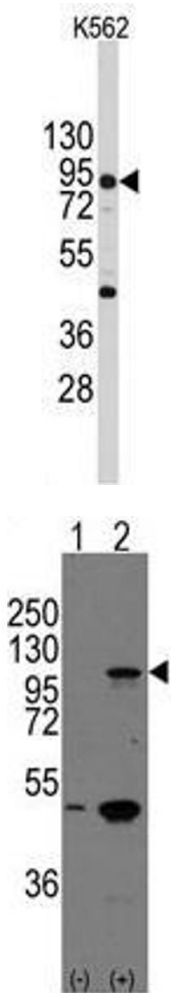


Image 1.

Image 2.

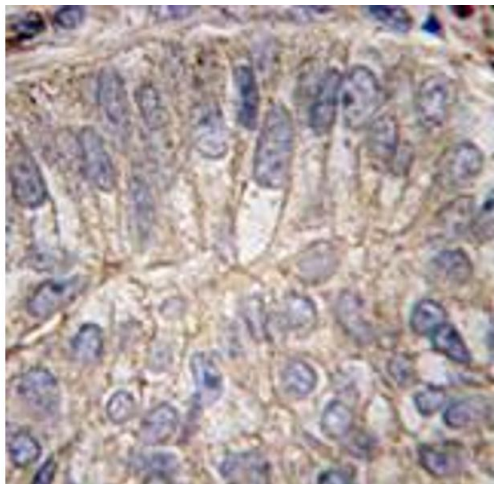


Image 3.