

Product datasheet for **TA356455**

P cadherin (CDH3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CDH3
Specificity:	Expected reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 93%; Dog: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	91kDa
Gene Name:	cadherin 3
Database Link:	NP_001784 Entrez Gene 1001 Human P22223



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Background:

CDH3 is a classical cadherin from the cadherin superfamily. The protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Its gene is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in its gene have been associated with congenital hypotrichosis with juvenile macular dystrophy. This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene have been associated with congenital hypotrichosis with juvenile macular dystrophy.

Synonyms:

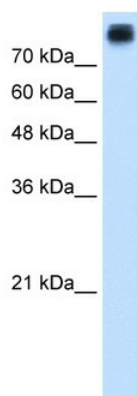
CDHP; HJMD; P-cadherin; PCAD

Protein Families:

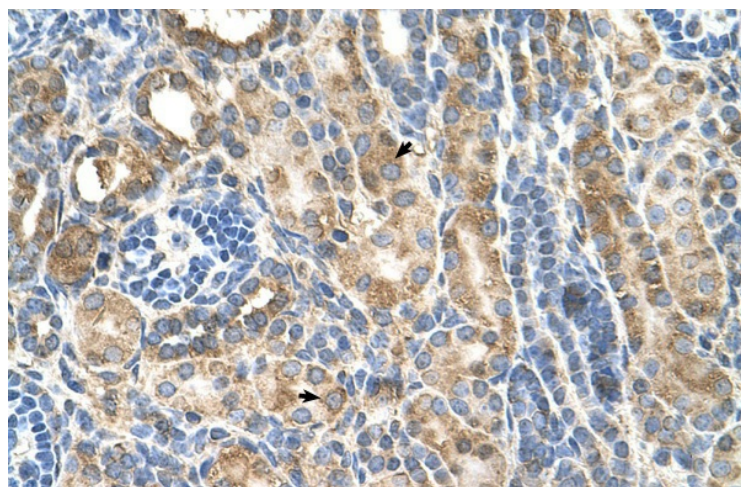
Druggable Genome, Transmembrane

Protein Pathways:

Cell adhesion molecules (CAMs)

Product images:

WB Suggested Anti-CDH3 Antibody Titration:
1.25ug/ml
Positive Control: HepG2 cell lysate



Human kidney