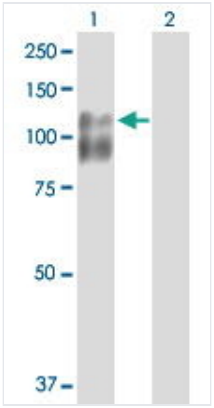
CDH3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CDH3, Polyclonal Antibody
Full Product Name	CDH3 (Cadherin 3, Cadherin-3, Placental Cadherin, P-cadherin, CDHP) (Biotin)
Product Gene Name	anti-CDH3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CDH3.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	Full length human CDH3, aa1-829 (AAH41846.1).
Immunogen Sequence	MGLPRGPLASLLLLQVCWLQCAASEPCRAVFREAEVTLEAGGAEQEPGQALGKVFMGCPGQEPALFSTDNDDFTVRNGETVQERRSLKERNPLKIFPSK
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-CDH3 antibody	Antibodies; Cadherin
Applications Tested/Suitable for anti-CDH3 antibody	Western Blot (WB)
Application Notes for anti-CDH3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CDH3 antibody	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadh
Other Notes	Small volumes of anti-CDH3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for CDH3 purchase	MBS6373501 is an antibody targeting CDH3. Also known as CDH3 (Cadherin 3, Cadherin-3, Placental Cadherin, P-cadherin, CDHP) (Biotin). Reactive



Western Blot (WB) of anti-CDH3 antibody
Western Blot analysis of CDH3 expression in transfected 293T cell line by CDH3 polyclonal antibody. Lane 1: CDH3 transfected lysate (91.5kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDH3. It may not necessarily be applicable to this product.

NCBI GI #	27693123
NCBI GeneID	1001
NCBI Accession #	BC041846.1
NCBI Related Accession #	AAH41846.1
UniProt Related Accession #	P22223
NCBI Official Full Name	Homo sapiens cadherin 3, type 1, P-cadherin (placental), mRNA
NCBI Official Synonym Full Names	cadherin 3
NCBI Official Symbol	CDH3
NCBI Official Synonym Symbols	CDHP; HJMD; PCAD
NCBI Protein Information	cadherin-3
NCBI Summary for CDH3	This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a gene 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 are associated with hypotrichosis with juvenile macular dystrophy and ectodermal dysplasia, ectrodactyly, and macular dystrophy syndrome (EEMS). [provided by RefSeq, Nov 2015]
Research Articles on CDH3	**1.** Overexpressed ADAMTS9-AS2 aids in the suppression of esophageal cancer development, which is achieved via inducing CDH3 promoter methylation.
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