



# P-cadherin rabbit pAb

Cat No.:ES4402

For research use only

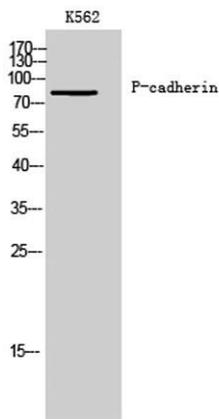
## Overview

<b>Product Name</b>	P-cadherin rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDH3. AA range:51-100
<b>Specificity</b>	P-cadherin Polyclonal Antibody detects endogenous levels of P-cadherin protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Cadherin-3
<b>Gene Name</b>	CDH3
<b>Cellular localization</b>	Cell membrane; Single-pass type I membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	86kD
<b>Human Gene ID</b>	1001
<b>Human Swiss-Prot Number</b>	P22223
<b>Alternative Names</b>	CDH3; CDHP; Cadherin-3; Placental cadherin; P-cadherin
<b>Background</b>	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



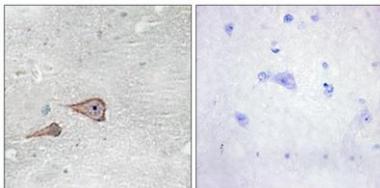


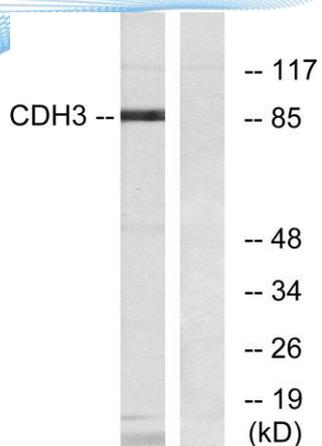
processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that 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],



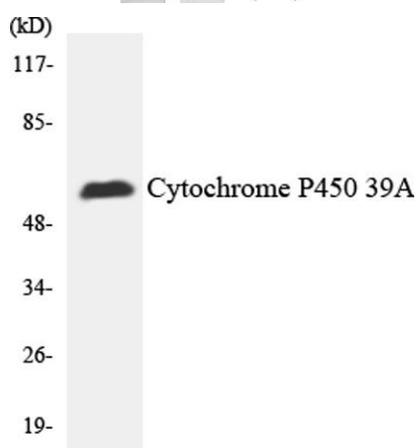
Western Blot analysis of K562 cells using P-cadherin Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CDH3 Antibody. The picture on the right is blocked with the synthesized peptide.





Western blot analysis of lysates from K562 cells, using CDH3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using Cytochrome P450 2C19 antibody.

