

## Product datasheet for **AP23247PU-N**

### **Cdh2 (701-714) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	Western blot: 1 µg/ml.
<b>Reactivity:</b>	Human, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide corresponding to a sequence at the middle region of human N-Cadherin (701-714aa)
<b>Specificity:</b>	This antibody detects Cadherin-2 (701-714). No cross reactivity with other proteins.
<b>Formulation:</b>	5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub> N State: Aff - Purified State: Lyophilized Ig fraction
<b>Reconstitution Method:</b>	0.2ml of distilled water will yield a concentration of 500µg/ml.
<b>Purification:</b>	Immunogen affinity purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	cadherin 2
<b>Database Link:</b>	<a href="#">Entrez Gene 1000 Human</a> <a href="#">Entrez Gene 83501 Rat Q9Z1Y3</a>



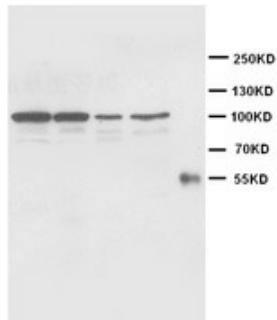
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**Background:**

N-cadherin (NCAD) is a member of the cadherin cell-cell adhesion receptor family that includes P-, E-, and R-cadherin and liver cell adhesion molecule (L-CAM). N-Cadherin, also known as Cadherin-2, encodes a 907-amino acid protein that includes a 159-amino acid signal sequence. Human and mouse nucleotide sequences are 96% identical. Mouse Ncad gene consists of 16 exons dispersed over more than 200 kb of genomic DNA. Human N-cadherin gene contains 16 exons and its sequence is highly similar to both the mouse NCAD gene (including the large first and second introns) and other cadherin genes. N-cadherin is mapped to 18q11.2. Cadherin regulates dendritic spine morphogenesis

**Synonyms:**

CDH2, CDHN, NCAD, Neural cadherin, CDw325, Cadherin N, N-Cadherin

**Product images:**


Lane 1 : Rat liver tissue Lysate  
 Lane 2 : Rat liver tissue Lysate  
 Lane 3 : Rat brain tissue Lysate  
 Lane 4 : Rat Testicular tissue Lysate  
 Lane 5 : Marker(IgG)

N-Cadherin Polyclonal Antibody