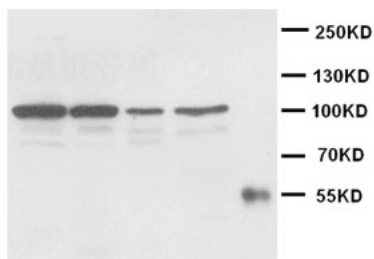




## Rabbit polyclonal antibody to Cadherin-2 (701-714): Affinity purified

<b>Catalogue No.:</b>	R-1367-100
<b>Description:</b>	Cadherins are transmembrane glycoproteins that mediate calcium ion-dependent cell adhesion. The cadherin family includes N-, P-, R-, B- and E-cadherins which are found in adherens junctions.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 µg
<b>Antigen:</b>	A synthetic peptide (CQCDSNGDCTDVDR) corresponding to a region (701-714 aa) from human Cadherin-2.
<b>Sequence:</b>	CQCDSNGDCTDVDR
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	CDH; N-cadherin; Neural Cadherin; Cadherin-2; P-cadherin; R-cadherin; B-cadherin; E-cadherin; CD325; CDH2; CDHN; NCAD;
<b>Accession:</b>	P19022 CADH2_HUMAN; Q9Z1Y3 CADH2_RAT;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 µg/ml is recommended for WB. Rat Cadherin-2 has a predicted length of 906 amino acids and MW of 100 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Cadherin-2
<b>Cross-reactivity:</b>	Rat; Human; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 µl of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Western Blot using Rabbit polyclonal antibody to Cadherin-2: Lanes 1 and 2: Rat liver tissue lysate Lane 3: Rat brain tissue lysate Lane 4: Rat testicular tissue lysate Lane 5: IgG marker

FOR RESEARCH USE ONLY