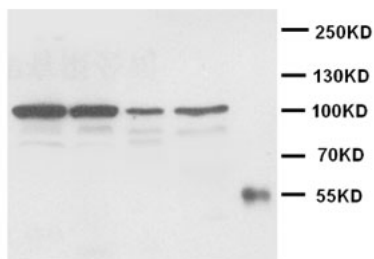


Rabbit polyclonal antibody to Cadherin-2 (701-714): Affinity purified

Catalogue No.:	R-1367-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (CQCDSNGDCTDVDR) corresponding to a region (701-714 aa) from human Cadherin-2.
Sequence:	CQCDSNGDCTDVDR
Antibody Type:	Antiserum
Other Names:	CDH; N-cadherin; Neural Cadherin; Cadherin-2; P-cadherin; R-cadherin; B-cadherin; E-cadherin; CD325; CDH2; CDHN; NCAD;
Accession:	P19022 CADH2_HUMAN; Q9Z1Y3 CADH2_RAT;
Produced in:	Rabbit
Applications:	Western Blotting (WB). A concentration of 1.0 ug/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.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Antibody Against:	Cadherin-2
Cross-reactivity:	Rat; Human; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Appearance:	Lyophilized white powder
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	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