

Anti-Unphosphorylated N-Cadherin (Tyr-820) Antibody



Product Details

Available Variants	100 µL (SKU:CP1851)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	CDH2
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Unphosphorylated N-Cadherin (Tyr-820) synthetic peptide (coupled to carrier protein) corresponding to amino acids surrounding tyrosine 820 in human N-cadherin. This sequence is conserved in rat and mouse N-cadherin, and has three amino acid differences from the conserved region in R-cadherin.
Specificity	This antibody was cross-adsorbed to phospho-N-cadherin (Tyr-820) peptide before affinity purification using unphosphorylated N-cadherin (Tyr-820) peptide. The purified antibody detects a strong band at 130 kDa* in western blots of serum-starved human endothelial cells, but is decreased in pervanadate treated cells. This reactivity in western blots is blocked specifically by unphosphorylated N-cadherin (Tyr-820) peptide.
Molecular Weight	130
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID P19022

Country of Origin United States

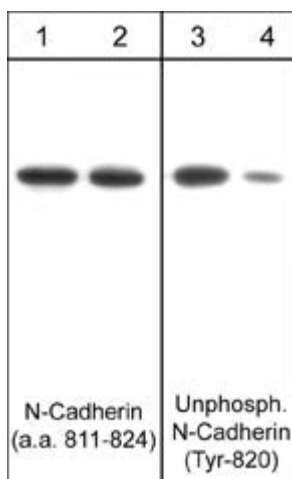
Shipping Blue Ice

Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Post Translational Modification Type Phosphorylated

Product Images



Western blot image of human endothelial cells untreated (lanes 1 & 3) or treated with pervanadate (1 mM) for 30 min (lanes 2 & 4). The blots were probed with anti-N-cadherin (a.a. 811-824) (lanes 1 & 2) and anti-unphosphorylated N-cadherin (Tyr-820) (lanes 3 & 4).

Product Page URL: www.antibodiesinc.com/products/anti-unphosphorylated-n-cadherin-tyr-820-antibody-cp1851



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