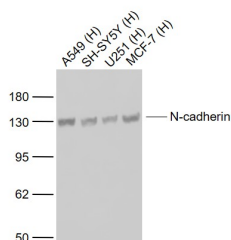


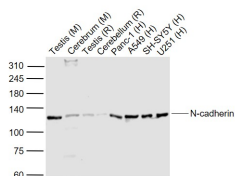
N-cadherin Rabbit pAb

Catalog Number: bs-1172R
Target Protein: N-cadherin
Concentration: 1mg/ml
Form: Liquid
Host: Rabbit
Clonality: Polyclonal
Isotype: IgG
Applications: WB (1:500-2000)
Reactivity: Human, Mouse, Rat (predicted:Rabbit, Pig, Sheep, Cow, Horse)
Predicted MW: 100 kDa
Entrez Gene: 1000
Swiss Prot: P19022
Source: KLH conjugated synthetic peptide derived from human N-cadherin: 701-800/905.
Purification: affinity purified by Protein A
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product.

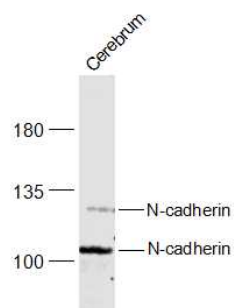
VALIDATION IMAGES



Sample: Lane 1: A549 (Human) Cell Lysate at 30 ug Lane 2: SH-SY5Y (Human) Cell Lysate at 30 ug Lane 3: U251 (Human) Cell Lysate at 30 ug Lane 4: MCF-7 (Human) Cell Lysate at 30 ug Primary: Anti-N-cadherin (bs-1172R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD



Sample: Lane 1: Testis (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Mouse) Lysate at 40 ug Lane 3: Testis (Rat) Lysate at 40 ug Lane 4: Cerebellum (Rat) Lysate at 40 ug Lane 5: Panc-1 (Human) Cell Lysate at 30 ug Lane 6: A549 (Human) Cell Lysate at 30 ug Lane 7: SH-SY5Y (Human) Cell Lysate at 30 ug Lane 8: U251 (Human) Cell Lysate at 30 ug Primary: Anti-N-cadherin (bs-1172R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-N-cadherin (bs-1172R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100 kD Observed band size: 105/125 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=9.584] Zheng, Bingxin. et al. Siglec-15-induced autophagy promotes invasion and metastasis of human osteosarcoma cells by activating the epithelial-mesenchymal transition and Beclin-1/ATG14 pathway. CELL BIOSCI. 2022 Dec;12(1):1-15 WB ; Human . 35842729

[IF=9.933] Xingyi Xu. et al. A Honeycomb-Like Bismuth/Manganese Oxide Nanoparticle with Mutual Reinforcement of Internal and External Response for Triple-Negative Breast Cancer Targeted Therapy. 2021 Jul 23 WB ; Human . 34297897

[IF=7.727] Xue Wang. et al. Engineered liposomes targeting the gut-CNS Axis for comprehensive therapy of spinal cord injury. J Control Release. 2021 Mar;331:390 IF ; Rat . 33485884

[IF=8.456] Zhang D et al. Cell Membrane-Coated Porphyrin Metal-Organic Frameworks for Cancer Cell Targeting and O2-Evolving Photodynamic Therapy. ACS Appl Mater Interfaces. 2019 Oct 30;11(43):39594-39602. WB ; Human . 31577410

[IF=6.691] Zhao, Boyuan. et al. Suspension state and shear stress enhance breast tumor cells EMT through YAP by microRNA-29b. 2021 Oct 07 WB ; Human . 34618275