

N-Cadherin Rabbit pAb

Catalog Number: bs-55138R

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: 97/99 kDa

Entrez Gene: 1000

Swiss Prot: P19022

Source: KLH conjugated synthetic peptide derived from human N-Cadherin: 750-850-905.

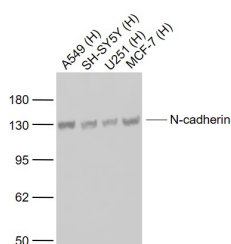
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

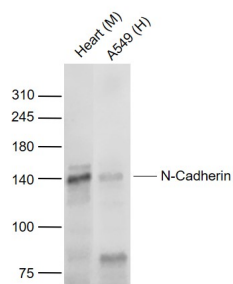
Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

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.

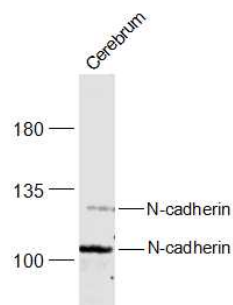
VALIDATION IMAGES



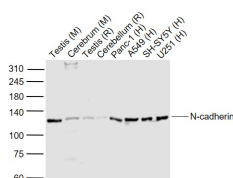
Sample: Lane 1: A549 (Human) Cell Lysate at 30 ug Lane 2: SH-SY5Y (Human) Cell Lysate at 30 ug Lane 3: U251 (Human) Cell Lysate at 30 ug Lane 4: MCF-7 (Human) Cell Lysate at 30 ug Primary: Anti-N-cadherin (bs-55138R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD



Sample: Lane 1: Heart (Mouse) Lysate at 40 ug Lane 2: A549 (Human) Cell Lysate at 30 ug Primary: Anti-N-Cadherin (bs-55138R) 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-55138R) 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



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-55138R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.388] Liu H et al. Circular RNA has_circ_0003204 inhibits oxLDL-induced vascular endothelial cell proliferation and angiogenesis. Cell Signal. 2020 Jun;70:109595. WB ; human . 32151659

[IF=1.5] Jing Liu. et al. Exosomes Promote Atherosclerosis Progression by Regulating Circ_100696/miR-503-5p/PAPPA Axis-Mediated Vascular Smooth Muscle Cells Proliferation and Migration. INT HEART J. 2023 Sep;64(5):918-927 WB ; Human . 37778995