

Rabbit R Cadherin Polyclonal Antibody | anti-CDH4 antibody

Anti-R Cadherin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265070	Rabbit	Human, Mouse, Rat, Chicken	Immunofluorescence, Immunohistochemistry, Western Blot

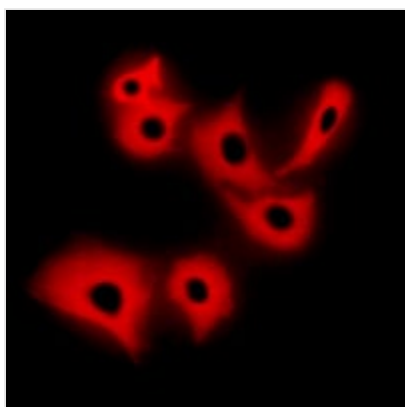
PRODUCT SYNONYMS

R Cadherin; Polyclonal Antibody; Anti-R Cadherin Antibody; anti-CDH4 antibody

PRODUCT SPECIFICATIONS

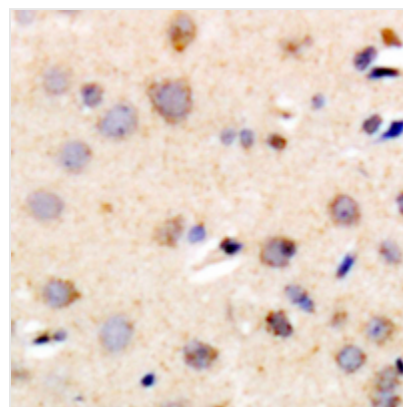
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of R Cadherin protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-CDH4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human R Cadherin. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



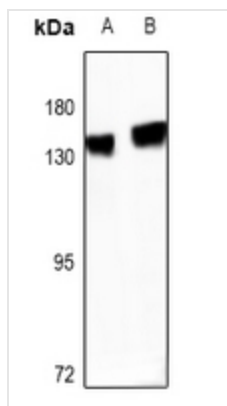
IF (Immunofluorescence)

Immunofluorescent analysis of R Cadherin staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of R Cadherin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of R Cadherin expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 100 kD; Observed band size: 130 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CDH4 antibody	Rabbit polyclonal antibody to R Cadherin
Product Categories/Family for anti-CDH4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	356640221
NCBI GeneID	1002
NCBI Accession #	NP_001239267.1
NCBI GenBank Nucleotide #	NM_001252338.1
UniProt Accession #	P55283 ; P39038 ; Q63149
Molecular Weight	100,281 Da
NCBI Official Full Name	cadherin-4 isoform 2
NCBI Official Synonym Full Names	cadherin 4, type 1, R-cadherin (retinal)
NCBI Official Symbol	CDH4
NCBI Official Synonym Symbols	CAD4; RCAD
NCBI Protein Information	cadherin-4; R-CAD; R-cadherin; retinal cadherin; cadherin 4, type 1, preproprotein
UniProt Protein Name	Cadherin-4
UniProt Gene Name	CDH4
UniProt Synonym Gene Names	R-CAD; R-cadherin
UniProt Entry Name	CADH4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/r-cadherin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265070>