T-cadherin (NT) antibody (pAb)

Rabbit Anti-Human/Mouse T-cadherin (Cell Adhesion Molecule)

Instruction Manual

Catalog Number | PK-AB718-3583
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Synonyms | T-cadherin Antibody: Cadherin-13 precursor, T-cad, Heart-cadherin
Description | T-cadherin was initially identified as cadherin-type cell adhesion molecule expressed in various neuronal populations in a temporally and spatially restricted pattern during axon growth. T-cadherin is an atypical member of the cadherin family because it does not possess the typical transmembrane and cytoplasmic domains but is instead anchored to the plasma membrane by glycosylphosphatidylinositol (GPI) linkage. T-cadherin may play a role in malignant tumor development as loss of the chromosome locus containing the T-cadherin gene correlates with the development of a variety of cancers. Recently it has been shown that T-cadherin can act as a receptor for hexameric and high-molecular weight forms of adiponectin, suggesting that T-cadherin may also play a role in metabolic regulation.

Quantity | 100 µg
Source / Host | Rabbit
Immunogen | Rabbit polyclonal T-cadherin antibody was raised against a 15 amino acid peptide from near the amino terminus of human T-cadherin (Genbank accession No. NM_001248).
Purification Method | Affinity chromatography purified via peptide column.
Clone / IgG Subtype | Polyclonal antibody
Species Reactivity | Human, Mouse
Specificity | Formulation
Antibody is supplied in PBS containing 0.02% sodium azide.
Reconstitution | During shipment, small volumes of antibody will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container’s cap.
Storage & Stability | Antibody can be stored at 4°C for three months and at -20°C for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Applications | E, WB, IF
InNote: Antibody might be suitable for other applications not tested so far. Optimal concentrations for each application have to be determined individually.
T-cadherin antibody can be used for the detection of T-cadherin by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.
Images | Available upon request.
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Related Products | Blocking Peptide, Cat. No. PK-AB718-3583P
3T3 Cell Lysate, Cat. No. PK-AB718-1212
Adiponectin Antibody (CT), Cat. No. PK-AB718-3551
Adiponectin Antibody (NT), Cat. No. PK-AB718-3553

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