

Anti-T-cadherin CDH13 Antibody

Catalog Number: A10606

About CDH13

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.

Overview

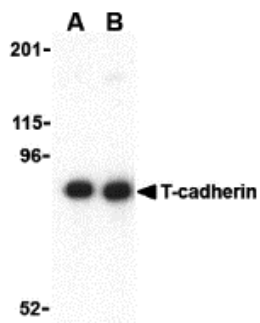
Product Name	Anti-T-cadherin CDH13 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-T-cadherin CDH13 Antibody (Catalog # A10606). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	T-cadherin Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	T-cadherin antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P55290

Technical Details

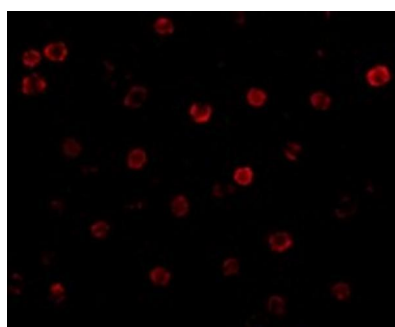
Immunogen	T-cadherin antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human T-cadherin. The immunogen is located within amino acids 150 - 200 of T-cadherin.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of T-cadherin are known to exist.
Isotype	IgG
Form	Liquid

Concentration	1 mg/mL
Purification	T-cadherin Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	T-cadherin antibody can be used for the detection of T-cadherin by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL and immunocytochemistry starting at 20 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in human and mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

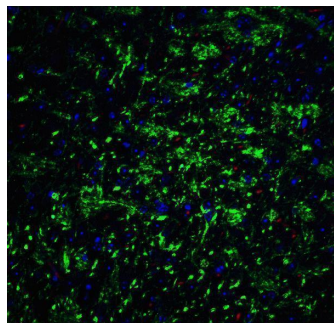
Anti-T-cadherin CDH13 Antibody (A10606) Images



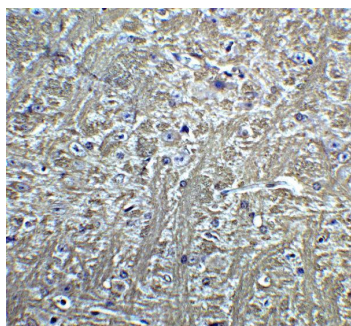
Western blot analysis of T-cadherin in 3T3 lysate with T-cadherin antibody at (A) 0.5 and (B) 1 ug/mL.



Immunofluorescence of T-cadherin in K562 cells with T-cadherin antibody at 20 ug/mL.



Immunofluorescence of T-cadherin in 3T3 cells with T-cadherin antibody at 2 ug/mL.



Immunohistochemistry of T cadherin in mouse brain tissue with T cadherin Antibody at 5 ug/mL.

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Anti-T-cadherin CDH13 Antibody

For Research Use Only. Not for use in diagnostic procedures.