

CDH13 / Cadherin 13 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11412**Specification**

CDH13 / Cadherin 13 Antibody (N-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	P55290
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78kDa KDa

CDH13 / Cadherin 13 Antibody (N-Terminus) - Additional Information**Gene ID** 1012**Other Names**

Cadherin-13, Heart cadherin, H-cadherin, P105, Truncated cadherin, T-cad, T-cadherin, CDH13, CDHH

Target/Specificity

15 amino acid peptide from near the amino terminus of human T-cadherin

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

CDH13 / Cadherin 13 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CDH13 / Cadherin 13 Antibody (N-Terminus) - Protein Information**Name** CDH13**Synonyms** CDHH**Function**

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. May act as a negative regulator of neural cell growth.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9WTR5}; Lipid-anchor, GPI-anchor. Cytoplasm {ECO:0000250|UniProtKB:Q9WTR5}

Tissue Location

Highly expressed in heart. In the CNS, expressed in cerebral cortex, medulla, hippocampus,

amygdala, thalamus and substantia nigra. No expression detected in cerebellum or spinal cord

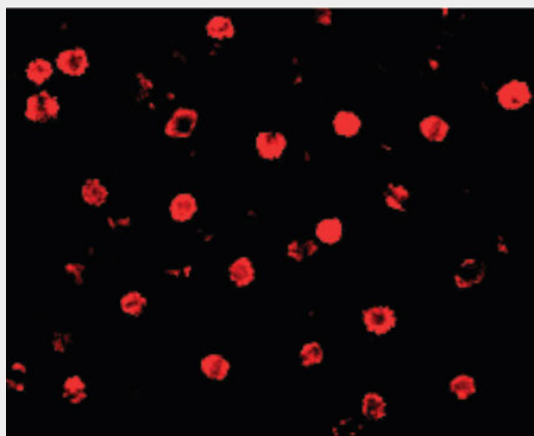
Volume

100 μ l

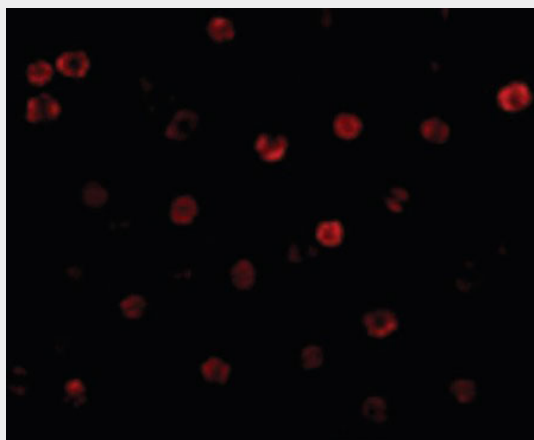
CDH13 / Cadherin 13 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

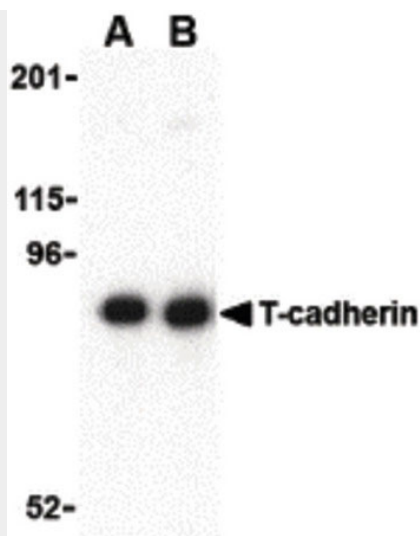
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDH13 / Cadherin 13 Antibody (N-Terminus) - Images

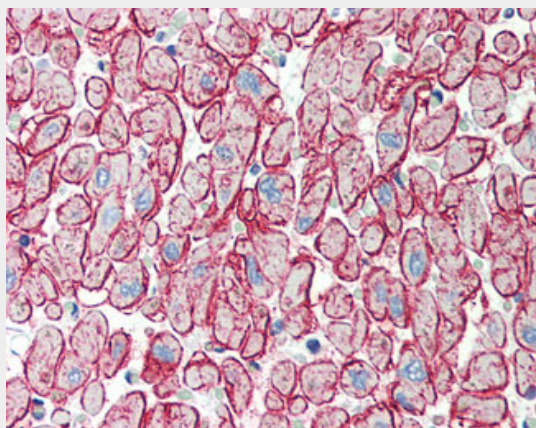
Immunofluorescence of T-cadherin in K562 cells with T-cadherin antibody at 20 ug/ml.



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



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



Anti-H Cadherin antibody IHC of human heart.

CDH13 / Cadherin 13 Antibody (N-Terminus) - Background

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. May act as a negative regulator of neural cell growth.

CDH13 / Cadherin 13 Antibody (N-Terminus) - References

- Tanihara H.,et al.Cell Adhes. Commun. 2:15-26(1994).
- Lee S.W.,et al.Nat. Med. 2:776-782(1996).
- Sato M.,et al.Hum. Genet. 103:96-101(1998).
- Liu Q.-R.,et al.Submitted (OCT-2007) to the EMBL/GenBank/DDBJ databases.
- Ota T.,et al.Nat. Genet. 36:40-45(2004).