

TTYH2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15627**Specification**

TTYH2 Antibody (N-Terminus) - Product Information

Application	IHC, IF
Primary Accession	Q9BSA4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

TTYH2 Antibody (N-Terminus) - Additional Information**Gene ID** 94015**Other Names**

Protein tweety homolog 2, hTTY2, TTYH2, C17orf29

Target/Specificity

Human TTYH2. At least four isoforms of TTYH2 are known to exist; this antibody will only detect the two longest isoforms. This antibody is predicted to not cross-react with other TTYH family members.

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

TTYH2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TTYH2 Antibody (N-Terminus) - Protein Information**Name** TTYH2**Synonyms** C17orf29**Function**

Probable large-conductance Ca(2+)-activated chloride channel. May play a role in Ca(2+) signal transduction. May be involved in cell proliferation and cell aggregation.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed at higher level in brain and testis and at lower levels in heart, ovary, spleen and peripheral blood leukocytes. Up-regulated in 13 of 16 renal cell carcinoma samples examined.

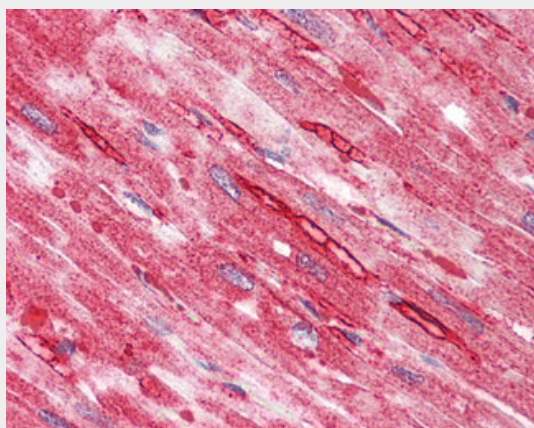
Up-regulated in colon carcinoma

TTYH2 Antibody (N-Terminus) - Protocols

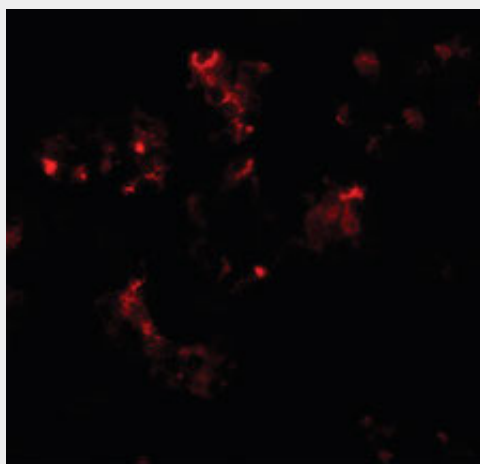
Provided below are standard protocols that you may find useful for product applications.

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

TTYH2 Antibody (N-Terminus) - Images



Anti-TTYH2 antibody IHC staining of human heart.



Immunofluorescence of TTYH2 in human kidney tissue with TTYH2 antibody at 20 ug/ml.

TTYH2 Antibody (N-Terminus) - Background

Probable large-conductance Ca^{2+} -activated chloride channel. May play a role in Ca^{2+} signal transduction. May be involved in cell proliferation and cell aggregation.

TTYH2 Antibody (N-Terminus) - References

Rae F.K.,et al.Genomics 77:200-207(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Suzuki M.,et al.J. Biol. Chem. 279:22461-22468(2004).