

**TMEM107 Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS16772****Specification**

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**TMEM107 Antibody (N-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC, IF, WB            |
| Primary Accession | <a href="#">Q6UX40</a> |
| Other Accession   | <a href="#">84314</a>  |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 15503                  |

**TMEM107 Antibody (N-Terminus) - Additional Information****Gene ID** 84314**Other Names**

TMEM107, Transmembrane protein 107, GRVS638, PRO1268

**Target/Specificity**

TMEM107 antibody is human specific. At least two isoforms of TMEM107 are known to exist.

**Reconstitution & Storage**

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

TMEM107 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**TMEM107 Antibody (N-Terminus) - Protein Information****Name** TMEM107 ([HGNC:28128](#))**Function**

Plays a role in cilia formation and embryonic patterning. Requires for normal Sonic hedgehog (Shh) signaling in the neural tube and acts in combination with GLI2 and GLI3 to pattern ventral and intermediate neuronal cell types (By similarity). During ciliogenesis regulates the ciliary transition zone localization of some MKS complex proteins (PubMed:<a href="http://www.uniprot.org/citations/26518474" target="\_blank">26518474</a>).

**Cellular Location**

Membrane; Multi-pass membrane protein. Cell projection, cilium. Note=Localizes at the transition zone, a region between the basal body and the ciliary axoneme

## TMEM107 Antibody (N-Terminus) - Protocols

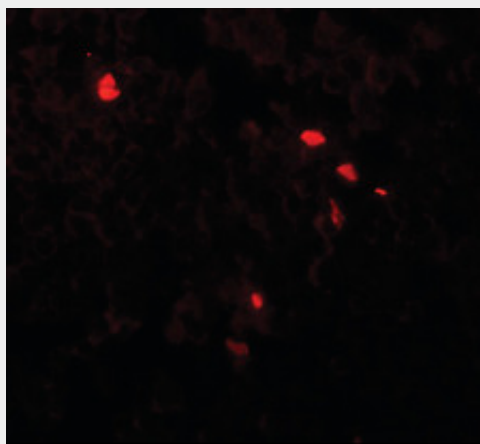
Provided below are standard protocols that you may find useful for product applications.

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

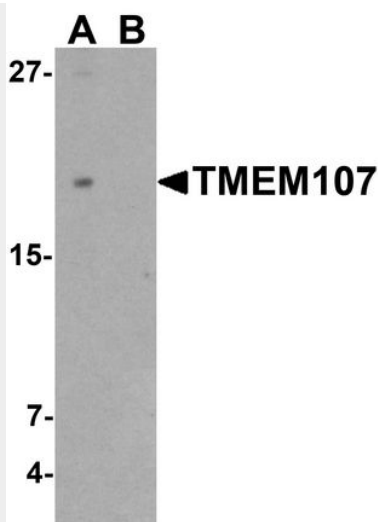
## TMEM107 Antibody (N-Terminus) - Images



Anti-TMEM107 antibody IHC staining of human heart.



Immunofluorescence of TMEM107 in human lymph node tissue with TMEM107 antibody at 20 ug/ml.



Western blot analysis of TMEM107 in THP-1 cell lysate with TMEM107 antibody at 1 ug/ml in (A)...

#### **TMEM107 Antibody (N-Terminus) - Background**

Plays a role in cilia formation and embryonic patterning. Requires for normal Sonic hedgehog (Shh) signaling in the neural tube and acts in combination with GLI2 and GLI3 to pattern ventral and intermediate neuronal cell types (By similarity).

#### **TMEM107 Antibody (N-Terminus) - References**

Xu X.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Zody M.C.,et al.Nature 440:1045-1049(2006).