

TCF12 / HEB Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13998**Specification**

TCF12 / HEB Antibody (N-Terminus) - Product Information

Application	WB, IHC-P, ICC, E
Primary Accession	Q99081
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A ICC~~N/A E~~N/A

TCF12 / HEB Antibody (N-Terminus) - Additional Information**Gene ID** 6938**Other Names**

Transcription factor 12, TCF-12, Class B basic helix-loop-helix protein 20, bHLHb20, DNA-binding protein HTF4, E-box-binding protein, Transcription factor HTF-4, TCF12, BHLHB20, HEB, HTF4

Target/Specificity

Human TCF12

Reconstitution & Storage

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

Precautions

TCF12 / HEB Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TCF12 / HEB Antibody (N-Terminus) - Protein Information**Name** TCF12**Synonyms** BHLHB20, HEB, HTF4**Function**

Transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3') (By similarity). May be involved in the functional network that regulates the development of the GnRH axis (PubMed:32620954).

Cellular Location

Nucleus.

Tissue Location

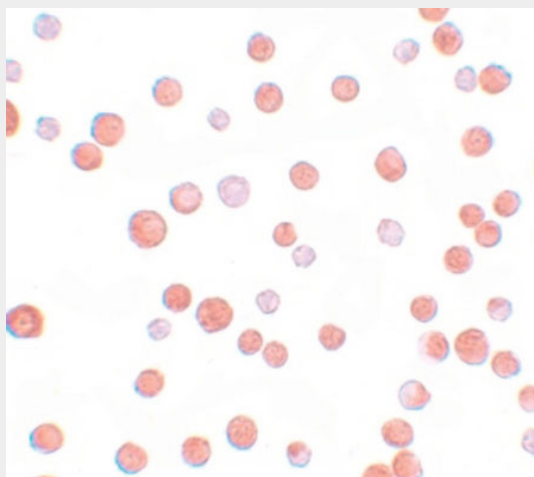
Expressed in several tissues and cell types including skeletal muscle, thymus, and a B-cell line

TCF12 / HEB Antibody (N-Terminus) - Protocols

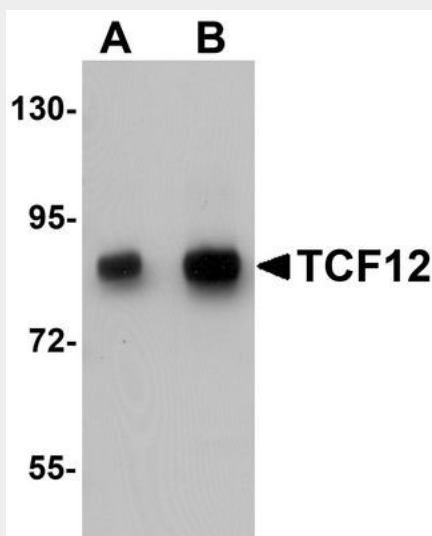
Provided below are standard protocols that you may find useful for product applications.

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

TCF12 / HEB Antibody (N-Terminus) - Images



Immunocytochemistry of TCF12 in HeLa cells with TCF12 antibody at 10 ug/ml.



Western blot analysis of TCF12 in HeLa cell lysate with TCF12 antibody at (A) 0.5 and (B) 1 ug/ml.

TCF12 / HEB Antibody (N-Terminus) - Background

Transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3').

TCF12 / HEB Antibody (N-Terminus) - References

Zhang Y.,et al.DNA Seq. 2:397-403(1992).
Hu J.S.,et al.Mol. Cell. Biol. 12:1031-1042(1992).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zody M.C.,et al.Nature 440:671-675(2006).