

TLE6 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13485a**Specification**

TLE6 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O9H808
Other Accession	NP_079036.1 , NP_001137458.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	63473
Antigen Region	30-58

TLE6 Antibody (N-term) - Additional Information**Gene ID** 79816**Other Names**

Transducin-like enhancer protein 6, TLE6

Target/Specificity

This TLE6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-58 amino acids from the N-terminal region of human TLE6.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TLE6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TLE6 Antibody (N-term) - Protein Information**Name** TLE6 {ECO:0000303|PubMed:26537248, ECO:0000312|HGNC:HGNC:30788}

Function Component of the subcortical maternal complex (SCMC), a multiprotein complex that plays a key role in early embryonic development (PubMed:[26537248](#)). The SCMC complex is a structural constituent of cytoplasmic lattices, which consist in fibrous structures found in the cytoplasm of oocytes and preimplantation embryos (By similarity). They are required to store maternal proteins critical for embryonic development, such as proteins that control epigenetic reprogramming of the preimplantation embryo, and prevent their degradation or activation (By similarity). Also required for spermatogenesis: regulates spermatogonia proliferation and cell cycle progression, potentially via regulation of cell cycle regulatory genes such as; CEBPB, CEBPA, CSF3, PCNA, and CDK4 (By similarity). Suppresses FOXG1/BF-1-mediated transcriptional repression by inhibiting interaction of the transcriptional corepressor TLE1 with FOXG1 which promotes cortical neuron differentiation (By similarity). Acts as a transcriptional corepressor of NFATC1-mediated gene expression by contributing to PAX6-mediated repression (By similarity).

Cellular Location

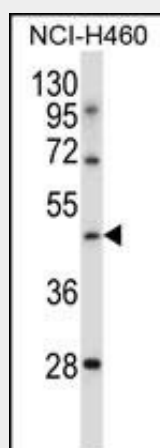
Cytoplasm. Nucleus {ECO:0000250|UniProtKB:Q9WVB3}. Note=Core component of cytoplasmic lattices in oocytes. [Isoform 2]: Cytoplasm

TLE6 Antibody (N-term) - Protocols

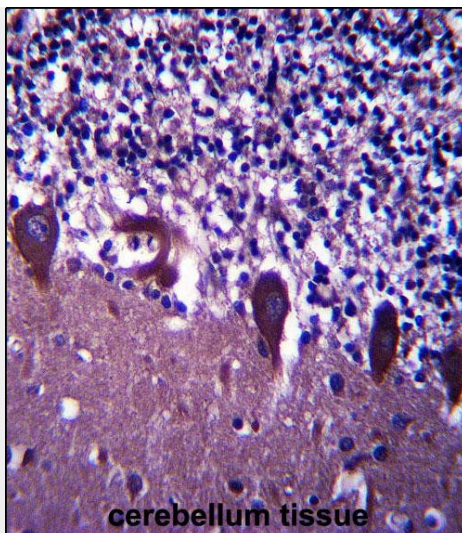
Provided below are standard protocols that you may find useful for product applications.

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

TLE6 Antibody (N-term) - Images



TLE6 Antibody (N-term) (Cat. #AP13485a) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the TLE6 antibody detected the TLE6 protein (arrow).



TLE6 Antibody (N-term) (Cat. #AP13485a) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TLE6 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

TLE6 Antibody (N-term) - Background

As a member of the subcortical maternal complex (SCMC), plays an essential role for zygotes to progress beyond the first embryonic cell divisions (By similarity).

TLE6 Antibody (N-term) - References

Chen, P.C., et al. PLoS Genet. 4 (6), E1000092 (2008) :
Dang, J., et al. Mol. Cell. Biol. 21(17):5935-5945(2001)