

MyT1L Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54291**Specification**

MyT1L Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	O9UL68
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133043

MyT1L Polyclonal Antibody - Additional Information**Gene ID** 23040**Other Names**

Myelin transcription factor 1-like protein {ECO:0000303|Ref.1}, MyT1-L {ECO:0000303|Ref.1}, MyT1L {ECO:0000303|Ref.1}, MYT1L {ECO:0000303|Ref.1, ECO:0000312|HGNC:HGNC:7623}

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MyT1L Polyclonal Antibody - Protein Information**Name** MYT1L {ECO:0000303|Ref.1, ECO:0000312|HGNC:HGNC:7623}**Function**

Transcription factor that plays a key role in neuronal differentiation by specifically repressing expression of non-neuronal genes during neuron differentiation. In contrast to other transcription repressors that inhibit specific lineages, mediates repression of multiple differentiation programs. Also represses expression of negative regulators of neurogenesis, such as members of the Notch signaling pathway, including HES1. The combination of three transcription factors, ASCL1, POU3F2/BRN2 and MYT1L, is sufficient to reprogram fibroblasts and other somatic cells into induced neuronal (iN) cells in vitro. Directly binds the 5'-AAGTT-3' core motif present on the promoter of target genes and represses transcription by recruiting a multiprotein complex containing SIN3B. The 5'-AAGTT-3' core motif is absent from the promoter of neural genes.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P97500}. Chromosome {ECO:0000250|UniProtKB:P97500}.
Note=Preferentially binds to DNA binding sites that are in an open chromatin configuration {ECO:0000250|UniProtKB:P97500}

MyT1L Polyclonal Antibody - 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](#)

MyT1L Polyclonal Antibody - Images