

Myt1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58072**Specification**

Myt1 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q01538
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	122329

Myt1 Polyclonal Antibody - Additional Information**Gene ID** 4661**Other Names**

Myelin transcription factor 1, MyT1, Myelin transcription factor I, MyTI, PLPB1, Proteolipid protein-binding protein, MYT1, KIAA0835, KIAA1050, MTF1, MYTI, PLPB1

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.

Myt1 Polyclonal Antibody - Protein Information**Name** MYT1**Synonyms** KIAA0835, KIAA1050, MTF1, MYTI, PLPB1**Function**

Binds to the promoter region of genes encoding proteolipid proteins of the central nervous system. May play a role in the development of neurons and oligodendroglia in the CNS. May regulate a critical transition point in oligodendrocyte lineage development by modulating oligodendrocyte progenitor proliferation relative to terminal differentiation and up-regulation of myelin gene transcription.

Cellular Location

Nucleus.

Tissue Location

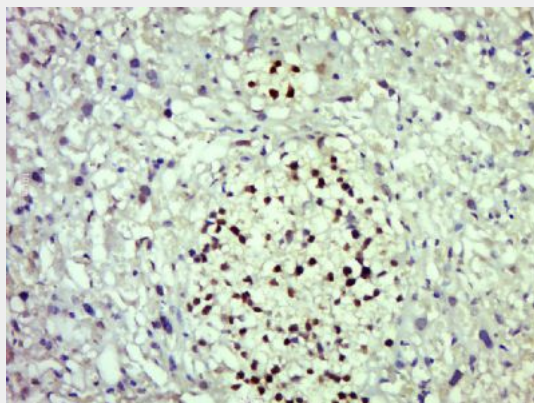
Mostly in developing nervous system. Expressed in neural progenitors and oligodendrocyte lineage cells. More highly expressed in oligodendrocyte progenitors than in differentiated oligodendrocytes.

Myt1 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](#)

Myt1 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Myt1) Polyclonal Antibody, Unconjugated (bs-3505R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.