

**MYT1 Antibody (aa41-90)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15747****Specification**

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**MYT1 Antibody (aa41-90) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC, WB                |
| Primary Accession | <a href="#">Q01538</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 122kDa KDa             |

**MYT1 Antibody (aa41-90) - 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

**Target/Specificity**

ZNF387 Antibody detects endogenous levels of total ZNF387 protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

MYT1 Antibody (aa41-90) is for research use only and not for use in diagnostic or therapeutic procedures.

**MYT1 Antibody (aa41-90) - 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.

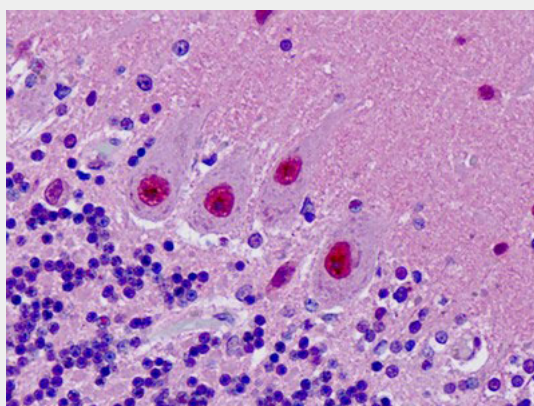
**Volume**  
50 µl

### **MYT1 Antibody (aa41-90) - Protocols**

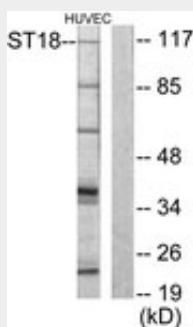
Provided below are standard protocols that you may find useful for product applications.

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

### **MYT1 Antibody (aa41-90) - Images**



Human, Brain, cerebellum: Formalin-Fixed Paraffin-Embedded (FFPE)



Western blot of extracts from HUVEC cells, using ZNF387 Antibody.

### **MYT1 Antibody (aa41-90) - Background**

Binds to the promoter regions of 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.

**MYT1 Antibody (aa41-90) - References**

- Nagase T.,et al.DNA Res. 5:355-364(1998).  
Deloukas P.,et al.Nature 414:865-871(2001).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Kikuno R.,et al.DNA Res. 6:197-205(1999).  
Kim J.G.,et al.Mol. Cell. Biol. 12:5632-5639(1992).