



# Anti-MYT1 (aa 586-685) polyclonal antibody (DPAB-DC1989)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a member of a family of neural specific, zinc finger-containing DNA-binding proteins. The protein binds to the promoter regions of proteolipid proteins of the central nervous system and plays a role in the developing nervous system.
<b>Immunogen</b>	MYT1 (NP_004526, 586 a.a. ~ 685 a.a) partial recombinant protein with GST tag. The sequence is DYASFDAQVFGKRMLAPKIQTSETSPKAFQCFDYSQDAEAAHMAATAILNLSTRCWEMPE NLSTKPQDLPSKSVDieVDENGTLDSLMSHKHRKRENAFPS
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [MYT1 myelin transcription factor 1 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	MYT1
<b>Synonyms</b>	MYT1; myelin transcription factor 1; MTF1; MYT1; NZF2; PLPB1; ZC2HC4A; C20orf36; myelin transcription factor I; proteolipid protein binding protein; proteolipid protein-binding protein; neural zinc finger transcription factor 2;
<b>Entrez Gene ID</b>	<a href="#">4661</a>
<b>Protein Refseq</b>	<a href="#">NP_004526</a>
<b>UniProt ID</b>	<a href="#">Q01538</a>
<b>Chromosome Location</b>	20q13.33
<b>Pathway</b>	G1 to S cell cycle control; Integrated Pancreatic Cancer Pathway.
<b>Function</b>	enhancer sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;