

**ZMYM3 rabbit pAb**

<b>Catalog No :</b>	YT7153
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB
<b>Target :</b>	ZMYM3
<b>Gene Name :</b>	ZMYM3 DXS6673E KIAA0385 ZNF261
<b>Protein Name :</b>	ZMYM3
<b>Human Gene Id :</b>	9203
<b>Human Swiss Prot No :</b>	Q14202
<b>Mouse Gene Id :</b>	56364
<b>Mouse Swiss Prot No :</b>	Q9JLM4
<b>Immunogen :</b>	Synthesized peptide derived from human ZMYM3 AA range: 258-308
<b>Specificity :</b>	This antibody detects endogenous levels of ZMYM3 at Human/Mouse
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1[?]500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 151kD

**Background :** This gene is located on the X chromosome and is subject to X inactivation. It is highly conserved in vertebrates and most abundantly expressed in the brain. The encoded protein is a component of histone deacetylase-containing multiprotein complexes that function through modifying chromatin structure to keep genes silent. A chromosomal translocation (X;13) involving this gene is associated with X-linked mental retardation. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2010],

**Function :** disease:A chromosomal aberration involving ZMYM3 may be a cause of X-linked mental retardation in Xq13.1. Translocation t(X;13)(q13.1;?),similarity:Contains 9 MYM-type zinc fingers.,subunit:May be a component of a BHC histone deacetylase complex that contains HDAC1, HDAC2, HMG20B/BRAF35, AOF2/LSD1, RCOR1/CoREST, PHF21A/BHC80, ZMYM2, ZNF217, ZMYM3, GSE1 and GTF2I.,tissue specificity:Most abundant in brain, moderate in muscle and heart, low in other tissues except placenta.,

**Subcellular Location :** Nucleus .

**Expression :** Most abundant in brain, moderate in muscle and heart, low in other tissues except placenta.

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