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Datasheet for ABIN6150453
anti-ZMYM3 antibody (AA 140-300)

2 Images

Overview

Quantity:	100 µL
Target:	ZMYM3
Binding Specificity:	AA 140-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZMYM3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 140-300 of human ZMYM3 (NP_001164634.1).
Sequence:	LLEPLAPDSP ITLQSPHIEE EETTSIATAR RGSPGQEEEL PQGQPQSPNA PPSPSVGETL GDGINSSQTK PGGSSPPAHP SLPGDGLTAK ASEKPPERKR SERVRRAEPP KPEVVDSTES IPVSDSDSDA MVDDPNDEDF VPFRPRRSPR MSLRSSVSQR A
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	ZMYM3
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Target Details

Alternative Name: ZMYM3 ([ZMYM3 Products](#))

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.,ZMYM3,DXS6673E,MYM,XFIM,ZNF198L2,ZNF261,Epigenetics & Nuclear Signaling,ZMYM3

Molecular Weight: 52 kDa/151 kDa/152 kDa

Gene ID: 9203

UniProt: [Q14202](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

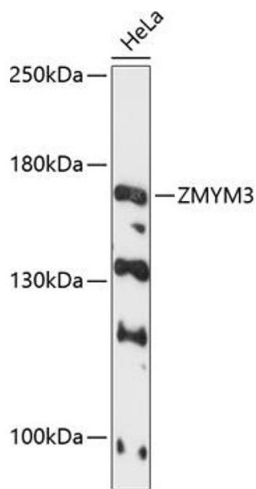
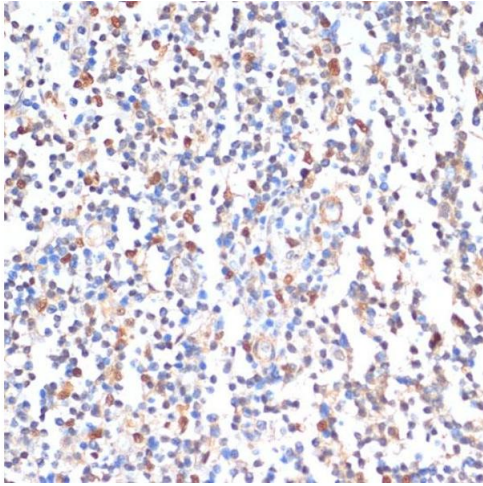
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human tonsil using ZMYM3 antibody (ABIN6128940, ABIN6150453, ABIN6150454 and ABIN6216809) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of HeLa cells, using ZMYM3 antibody (ABIN6128940, ABIN6150453, ABIN6150454 and ABIN6216809) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.