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Datasheet for ABIN652572

## anti-OLIG3 antibody (AA 74-100)

### 3 Images

#### Overview

Quantity:	400 µL
Target:	OLIG3
Binding Specificity:	AA 74-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OLIG3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

#### Product Details

Immunogen:	This OLIG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-100 amino acids from the Central region of human OLIG3.
Clone:	RB22424
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	OLIG3
Alternative Name:	OLIG3 ( <a href="#">OLIG3 Products</a> )

## Target Details

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Background:	OLIG3 may determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.
Molecular Weight:	29358
Gene ID:	167826
NCBI Accession:	<a href="#">NP_786923</a>
UniProt:	<a href="#">Q7RTU3</a>

## Application Details

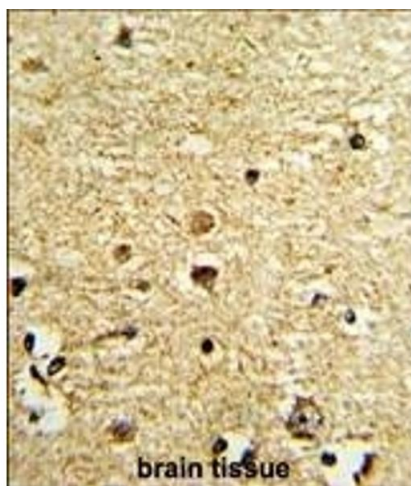
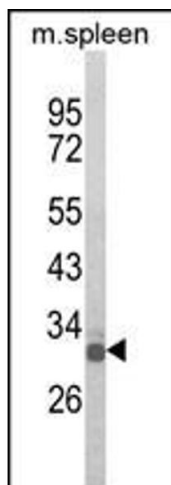
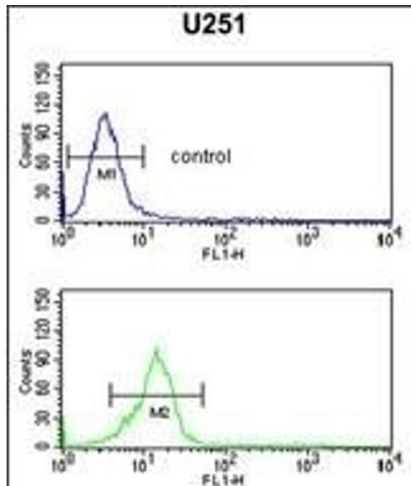
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Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** OLIG3 Antibody (Center) (ABIN652572 and ABIN2842385) flow cytometric analysis of cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of OLIG3 Antibody (Center) (ABIN652572 and ABIN2842385) in mouse spleen tissue lysates (35 µg/lane). OLIG3 (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human brain tissue with OLIG3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.