

## Anti-DBR1 Antibody (7X455)

### Product Details

Ig Type:	IgG2b/Kappa
Reactivity:	Human,Mouse,Rat
Clone:	7X455
Purification:	Protein G purified

### Applications

Verified Activity:	1. Tissue: Mouse brain
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100
	Primary Ab incubation condition: 1 hour at room temperature
	Counter stain: Hematoxylin
	Comment: Color brown is the positive signal for TMAB-04999
	2. Tissue: Rat brain
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100
	Primary Ab incubation condition: 1 hour at room temperature
	Counter stain: Hematoxylin
	Comment: Color brown is the positive signal for TMAB-04999
	3. Blocking buffer: 5% NFDm/TBST
Primary Ab dilution: 1:1000	
Primary Ab incubation condition: 4°C overnight	
Lysate: 1: Rat heart, 2: Mouse heart, 3: HeLa, 4: A431	
Protein loading quantity: 20 µg	
Exposure time: 30 s	
Predicted MW: 75 kDa	
Observed MW: 75 kDa	
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

**Antigen Details**

Gene ID: 51163

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**Research Background**

The protein encoded by this gene is an RNA lariat debranching enzyme that hydrolyzes 2'-5' prime branched phosphodiester bonds. The encoded protein specifically targets the bonds at the branch point of excised lariat intron RNA, converting them to linear molecules that are then degraded. This protein may also be involved in retroviral replication. [provided by RefSeq, Nov 2011]

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