

## Anti-TDP-43 Antibody (8P357)

### Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human,Mouse,Rat
Clone:	8P357
Purification:	Protein G purified

### Applications

Verified Activity:	1. Cell line: HeLa
	Fixative: 100% Ice-cold methanol
	Permeabilization: 0.1% TritonX-100
	Primary Ab dilution: 1:50
	Primary incubation condition: 4°C overnight
	Secondary Ab: Goat Anti-Mouse IgG
	Nuclear counter stain: DAPI (Blue)
	Counter stain: Tubulin (Red)
	Comment: Color green is the positive signal for TMAB-13441
	2. Blocking buffer: 5% NFDM/TBST
	Primary Ab dilution: 1:5000
	Primary Ab incubation condition: 4°C overnight
	Secondary Ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate: 1: HeLa, 2: Jurkat, 3: HepG2, 4: NIH/3T3
	Protein loading quantity: 20 µg
	Exposure time: 60 s
	Predicted MW: 45 kDa
	Observed MW: 43 kDa
	3. Tissue: Human cervix cancer
	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	
Secondary Ab: SP Kit (Mouse)	
Counter stain: Hematoxylin (Blue)	
Comment: Color brown is the positive signal for TMAB-13441	
4. 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	
Secondary Ab: SP Kit (Mouse)	
Counter stain: Hematoxylin (Blue)	
Comment: Color brown is the positive signal for TMAB-13441	
5. Tissue: Human spleen	
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  
Secondary Ab: SP Kit (Mouse)  
Counter stain: Hematoxylin (Blue)  
Comment: Color brown is the positive signal for TMAB-13441  
6. 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  
Secondary Ab: SP Kit (Mouse)  
Counter stain: Hematoxylin (Blue)  
Comment: Color brown is the positive signal for TMAB-13441

Application: WB,IHC-P,IHC-Fr,ICC/IF,IF

Recommended WB: 1:1000-5000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

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### 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.

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### Antigen Details

Gene ID: 23435

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### Research Background

HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq, Jul 2008]

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