

## NDUFB8 (PT0387R) PT™ Rabbit mAb

CatalogNo: YM8160 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, IP, ELISA

#### MW

- 22kD (Calculated)
- 22kD (Observed)

#### Isotype

- IgG, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

### Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

### Basic Information

**Clonality** Monoclonal

**Clone Number** PT0387R

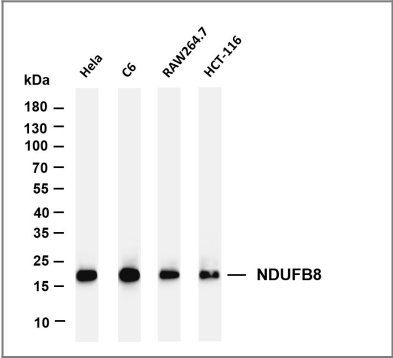
### Immunogen Information

**Specificity** Endogenous

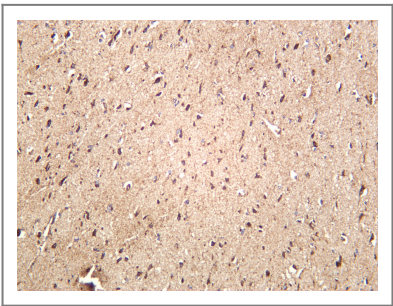
## Target Information

Gene name	NDUFB8		
Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial (Complex I-ASHI) (CI-ASHI) (NADH-ubiquinone oxidoreductase ASHI subunit)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">4714</a> ;	<a href="#">O95169</a> ;
	Mouse		<a href="#">Q9D6J5</a> ;
Cellular Localization	Mitochondrion inner membrane		
Tissue specificity	Blood,Brain,Lung,Umbilical cord blood,		
Function	Function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.,similarity:Belongs to the complex I NDUFB8 subunit family.,subunit:Complex I is composed of 45 different subunits.,		

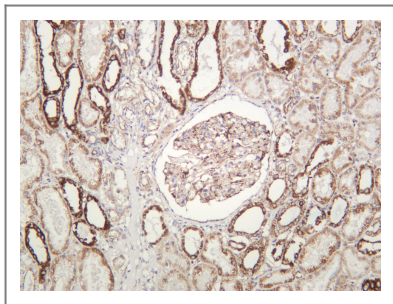
## Validation Data



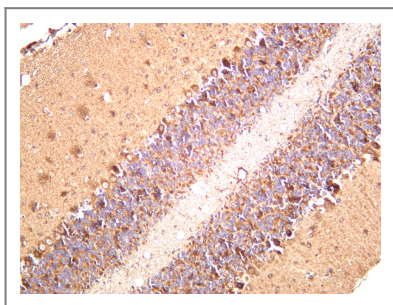
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NDUFB8 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: C6 Lane 3: RAW264.7 Lane 4: HCT-116 Predicted band size: 22kDa Observed band size: 22kDa



Human brain was stained with anti-NDUFB8 rabbit antibody



Human kidney was stained with anti-NDUFB8 rabbit antibody



Mouse brain was stained with anti-NDUFB8 rabbit antibody

## **Contact information**

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**PT™ Rabbit mAb**

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