

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

Recommended Dilution Ratios

IHC 1:100-1:400

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

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

Basic Information

Clonality Monoclonal

Clone Number PT0387R

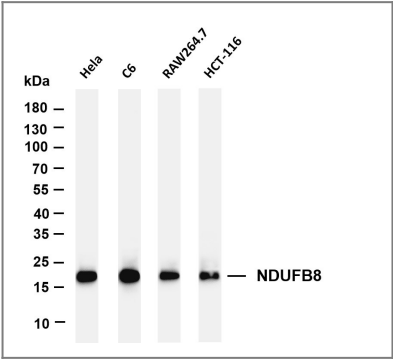
Immunogen Information

Specificity Endogenous

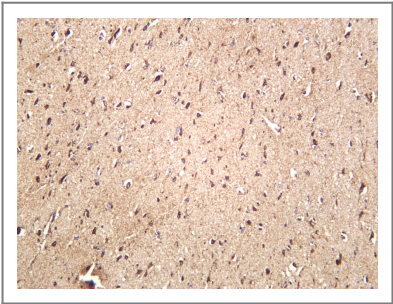
Target Information

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	7345 ;	O95169 ;
	Mouse		Q9D6J5 ;
Cellular Localization	Mitochondrion inner membrane		
Tissue specificity	Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients.		
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.,		

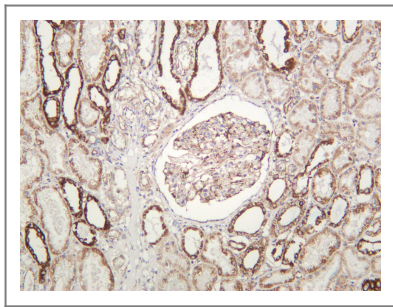
Validation Data



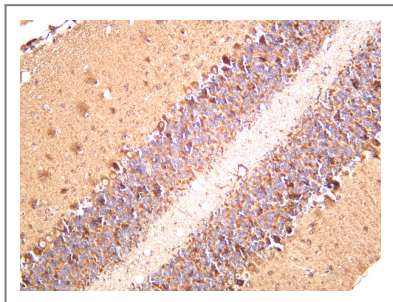
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NDUFB8 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: C6 Lane 3: RAW264.7 Lane 4: HCT-116 Predicted band size: 22kDa Observed band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

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Please scan the QR code
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product information:
NDUFB8 (PT0387R)
PT™ Rabbit mAb

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