

Datasheet for ABIN7250326

anti-LC3B antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	LC3B (MAP1LC3B)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LC3B antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant Protein of LC3B of MAP1LC3B
Clone:	6E4
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Protein A purification

Target Details

Target:	LC3B (MAP1LC3B)
Alternative Name:	MAP1LC3B (MAP1LC3B Products)
Background:	The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies

Target Details

on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component. MAP1LC3B (Microtubule Associated Protein 1 Light Chain 3 Beta) is a Protein Coding gene. Diseases associated with MAP1LC3B include Sporadic Pheochromocytoma and Lacrimal Gland Adenocarcinoma. Among its related pathways are Vesicle-mediated transport and Senescence and Autophagy in Cancer. GO annotations related to this gene include microtubule binding. An important paralog of this gene is MAP1LC3B2.

UniProt: [Q9GZQ8](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: IHC 1:100-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

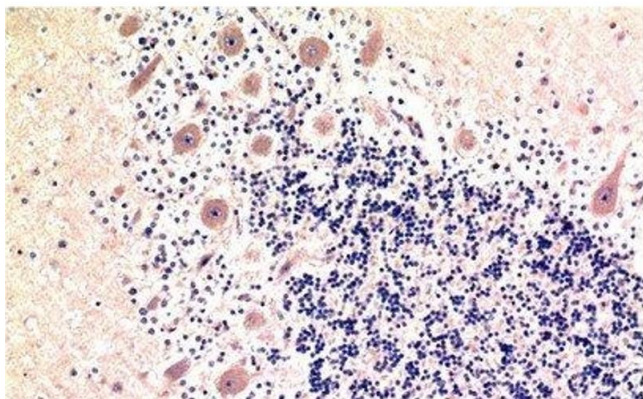
Buffer: PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human brain tissue using MAP1LC3B Monoclonal Antibody at dilution of 1:200.