

## Product datasheet for **TA322544**

### MAP1B Rabbit Polyclonal Antibody

#### Product data:

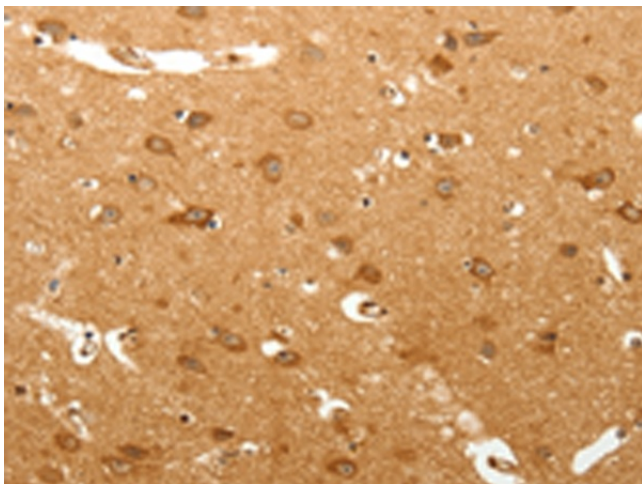
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 45-59 amino acids of human microtubule-associated protein 1B
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	microtubule associated protein 1B
Database Link:	<a href="#">NP_114399</a> <a href="#">Entrez Gene 17755 Mouse</a> <a href="#">Entrez Gene 29456 Rat</a> <a href="#">Entrez Gene 4131 Human</a> <a href="#">P46821</a>
Background:	This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly; which is an essential step in neurogenesis. The product of this gene is a precursor polypeptide that presumably undergoes proteolytic processing to generate the final MAP1B heavy chain and LC1 light chain. Gene knockout studies of the mouse microtubule-associated protein 1B gene suggested an important role in development and function of the nervous system.



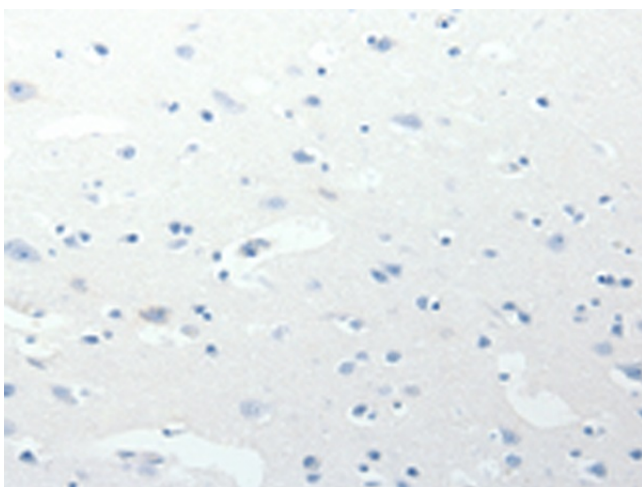
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Synonyms: DKFZp686E1099; DKFZp686F1345; FLJ38954; FUTSCH; MAP5; microtubule-associated protein 1B

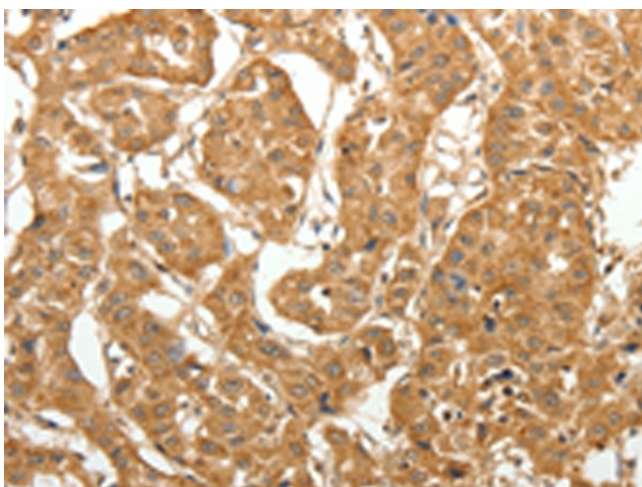
### Product images:



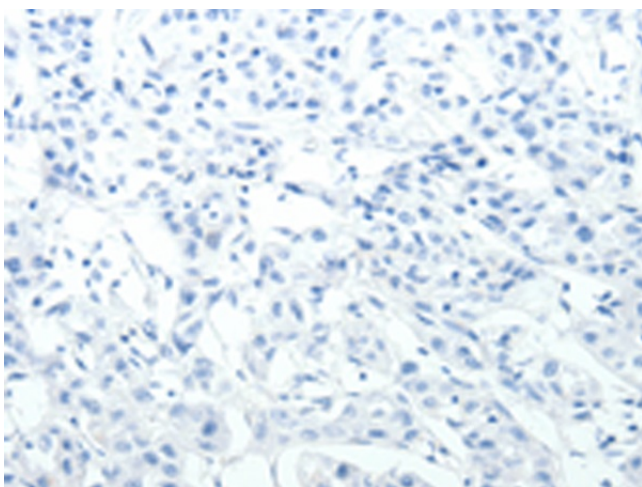
Immunohistochemistry of paraffin-embedded Human brain tissue using TA322544 (MAP1B Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA322544 (MAP1B Antibody) at dilution 1/60, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322544 (MAP1B Antibody) at dilution 1/60 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322544 (MAP1B Antibody) at dilution 1/60, treated with synthetic peptide. (Original magnification:  $\times 200$ )