



# Anti-MAPT polyclonal antibody (CABT-BL2302)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide: (C)GDRKDQGG(p)TMHQDQE conjugated to KLH, corresponding to amino acids 21-36 of Human Tau.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	IgG fraction
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-FoFr
<b>Cellular Localization</b>	Cytoplasm; cytosol. Cell membrane. Cytoplasm; cytoskeleton. Cell projection; axon. Mostly found in the axons of neurons, in the cytosol and in association with plasma membrane components.
<b>Buffer</b>	PBS
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative
---------------------	--

disorders such as Alzheimers disease, Picks disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy. [provided by RefSeq, Jul 2008]

---

## GENE INFORMATION

Entrez Gene ID	<a href="#">4137</a>
----------------	----------------------

---

Protein Refseq	<a href="#">NP_001116538</a>
----------------	------------------------------

---

UniProt ID	<a href="#">P10636</a>
------------	------------------------

---