

**FKBP52 Rabbit mAb**  
Catalog # AP75441**Specification**

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**FKBP52 Rabbit mAb - Product Information**

Application	<b>WB, ICC</b>
Primary Accession	<a href="#">Q02790</a>
Reactivity	<b>Human, Mouse, Rat, Hamster</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>51805</b>

**FKBP52 Rabbit mAb - Additional Information****Gene ID** 2288**Other Names**

FKBP4

**Dilution**

WB~~1/500-1/1000

ICC~~N/A

**Format**

Liquid

**FKBP52 Rabbit mAb - Protein Information****Name** FKBP4**Synonyms** FKBP52**Function**

Immunophilin protein with PPlase and co-chaperone activities. Component of steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). May play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments. The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening. Also acts as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly. May have a protective role against oxidative stress in mitochondria.

**Cellular Location**

Cytoplasm, cytosol. Mitochondrion. Nucleus {ECO:0000250|UniProtKB:P30416}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q9QVC8}. Cell projection, axon {ECO:0000250|UniProtKB:Q9QVC8}. Note=Shuttles from mitochondria to nucleus; co-localizes in mitochondria with the glucocorticoid receptor (PubMed:21730050). Colocalized with MAPT/TAU in the distal part of the primary cortical neurons (By similarity) {ECO:0000250|UniProtKB:Q9QVC8, ECO:0000269|PubMed:21730050}

**Tissue Location**  
Widely expressed..

### FKBP52 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FKBP52 Rabbit mAb - Images



