

FKBP51 Rabbit mAb
Catalog # AP75440**Specification**

FKBP51 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q13451
Reactivity	Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	51212

FKBP51 Rabbit mAb - Additional Information**Gene ID** 2289**Other Names**
FKBP5**Dilution**
WB~~1/500-1/1000**Format**
Liquid**FKBP51 Rabbit mAb - Protein Information****Name** FKBP5**Synonyms** AIG6, FKBP51 {ECO:0000303|PubMed:2814727}**Function**

Immunophilin protein with PPlase and co-chaperone activities (PubMed:11350175). Component of unligated steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). Plays a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors maintaining the complex into the cytoplasm when unliganded (PubMed:12538866). Acts as a regulator of Akt/AKT1 activity by promoting the interaction between Akt/AKT1 and PHLPP1, thereby enhancing dephosphorylation and subsequent activation of Akt/AKT1 (PubMed:28147277, PubMed:28363942). Interacts with IKBKE and IKBKB which facilitates IKK complex assembly leading to increased IKBKE and IKBKB kinase activity, NF-kappa-B activation, and IFN production (PubMed:26101251, PubMed:31434731).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q64378}. Nucleus {ECO:0000250|UniProtKB:Q64378}

Tissue Location

Widely expressed, enriched in testis compared to other tissues

FKBP51 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](#)

FKBP51 Rabbit mAb - Images