

FKBP6 Rabbit mAb
Catalog # AP76501**Specification**

FKBP6 Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	O75344
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	37214

FKBP6 Rabbit mAb - Additional Information**Gene ID** 8468**Other Names**
FKBP6**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**FKBP6 Rabbit mAb - Protein Information****Name** FKBP6**Synonyms** FKBP36**Function**

Has an essential role in spermatogenesis (PubMed:36150389). It is required to repress transposable elements and prevent their mobilization, which is essential for the germline integrity (By similarity). Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons (By similarity). Acts as a co- chaperone via its interaction with HSP90 and is required for the piRNA amplification process, the secondary piRNA biogenesis (By similarity). May be required together with HSP90 in removal of 16 nucleotide ping- pong by-products from Piwi complexes, possibly facilitating turnover of Piwi complexes (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=In spermatocytes, it colocalizes with PIWIL1 in large cytoplasmic granules (PubMed:36150389). Does not localize to the synaptonemal complex (PubMed:36150389)

Tissue Location

Detected in all tissues examined, with higher expression in testis, heart, skeletal muscle, liver, and kidney

FKBP6 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](#)

FKBP6 Rabbit mAb - Images

