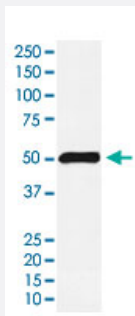


FKBP5 monoclonal antibody, clone AFBE-6

Catalog # MAB22309 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of Caco-2 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human FKBP5.
Immunogen	A synthetic peptide corresponding to human FKBP5.
Host	Rabbit
Reactivity	Human, Rat
Specificity	This antibody reacts with human, rat FKBP5, in native form and recombinant. Superfamily members of FKBP5 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of Caco-2 cell lysate.

Gene Info — FKBP5

Entrez GeneID[2289](#)**Protein Accession#**[Q13451](#)**Gene Name**

FKBP5

Gene Alias

FKBP51, FKBP54, MGC111006, P54, PPlase, Ptg-10

Gene Description

FK506 binding protein 5

Omim ID[602623 608516](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. This gene has been found to have multiple polyadenylation sites. Alternative splicing results in multiple transcript variants.[provided by RefSeq]

Other Designations

51 kDa FK506-binding protein 5|54 kDa progesterone receptor-associated immunophilin|FF1 antigen|FK506-binding protein 5|HSP90-binding immunophilin|OTTHUMP00000016268|T-cell FK506-binding protein|peptidylprolyl cis-trans isomerase|rotamase

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- [Alcoholism](#)

- [Anxiety Disorders](#)
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