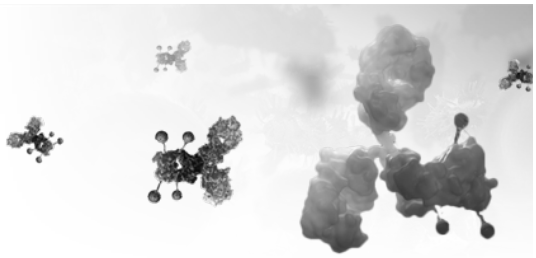

# Rabbit Anti-FKBP1A monoclonal antibody, clone KN22-10 (CABT-L928)

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

## PRODUCT INFORMATION

| | |
|---|---|
| **Target** | FKBP12 |
| **Immunogen** | Recombinant protein |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Clone** | KN22-10 |
| **Purification** | Protein A purified. |
| **Conjugate** | Unconjugated |
| **Applications** | WB, ICC/IF |
| **Cellular Localization** | Cytoplasm. |
| **Positive Control** | SH-SY5Y, V937, HepG2, A431, Hela. |
| **Format** | Liquid |
| **Size** | 100 µl |
| **Buffer** | 1×TBS (pH7.4), 1% BSA, 40% Glycerol. |
| **Preservative** | 0.05% Sodium Azide |
| **Storage** | Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw |

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cycles.

# BACKGROUND

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|---|---|
| **Introduction** | Immunophilins are a highly conserved family of cis-trans peptidyl-prolyl isomerases which bind to and mediate the effects of immunosuppressive drugs such as Cyclosporin, FK506 and Rapamycin. FKBP12.6, also known as FK506-binding protein 1B, is a 108 amino acid immunophilin belonging to the FKBP-type PPIase family. Subcellularly localized to the cytoplasm, FKBP12.6 binds to RyR in cardiac muscle sarcoplasmic reticulum and possibly plays a unique physiological role in excitation-contraction coupling in cardiac muscle. FKBP12.6 also catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Ubiquitously expressed, FKBP12.6 is found at highest levels in brain and thymus. FKBP12.6 is expressed as two isoforms produced by alternative splicing. |
| **Keywords** | 12 kDa FK506-binding protein;12 kDa FKBP;Calstabin 1;FK506 binding protein 1;FK506 binding protein 12;FK506 binding protein 1A (12kD);FK506 binding protein 1A 12kDa;FK506 binding protein 1A;FK506 binding protein T cell 12 kD;FK506 binding protein, T cell, 12 kD;FK506 binding protein12;FK506-binding protein 1A;FKB1A_HUMAN;FKBP 12;FKBP 1A;FKBP-12;FKBP-1A;FKBP1;FKBP12;FKBP12 Exip3;FKBP12C;fkbp1a;Immunophilin FKBP12;Peptidyl prolyl cis trans isomerase;Peptidyl-prolyl cis-trans isomerase FKBP1A;PKC12;PKCI2;PPIase;PPIase FKBP1A;Protein kinase C inhibitor 2;Rotamase antibody |

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