

bs-7067R**[Primary Antibody]****FKBP38 Rabbit pAb****BioSS**
ANTIBODIES

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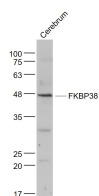
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 23770 Target: FKBP38 Immunogen: KLH conjugated synthetic peptide derived from human FKBP38: 255-350/412. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: FKBP8 is an immunophilin family member lacking PPlase/arotamase activity that influences immunoregulation, protein folding and trafficking in neurons associated with memory function. The FKBP8 form derives from a truncated ORF. Presenilin 1 and 2 form molecular complexes with 槲 and promote degradation of 槲KBPr38, and Bcl-2, and sequester these proteins in ER/Golgi, thereby inhibiting FKBP8-mediated, ?secretase-independent, mitochondrial targeting of Bcl-2. FKBP8 present in the central nervous system can antagonize hedgehog (HH) signaling, where HH is critical for patterning and growth of many tissues in the developing embryo. Mouse FKBP8 mRNA is present in neurons and glial cells and appears more pronounced in neurons associated with the hippocampal formation in adult mouse brains.	Isotype: IgG SWISS: Q14318 Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human, Cow, Chicken, Dog, Horse) Predicted MW.: 46 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Cerebrum (Mouse) Lysate at 40 ug
 Primary: Anti- FKBP38 (bs-7067R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 46 kD Observed band size: 46 kD

— SELECTED CITATIONS —

- **[IF=3.887]** Li TENG. et al. Cyasterone inhibits IL-1 β -mediated apoptosis and inflammation via the NF- κ B and MAPK signaling pathways in rat chondrocytes and ameliorates osteoarthritis in vivo. CHIN J NAT MEDICINES. 2023 Feb;21:99 WB ;Rat. 36871986