

bs-13179R**[Primary Antibody]****FKBP38 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 45 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 23770	SWISS: Q14318	
Target: FKBP38		
Immunogen: KLH conjugated synthetic peptide derived from human FKBP38/FKBP8: 311-412/412.		
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 槳nd promote degradation of 槳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.		