

Product Datasheet

FKBP38 Antibody - BSA Free

NBP1-77909

Unit Size: 25 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-77909

FKBP38 Antibody - BSA Free

Product Information	
Unit Size	25 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

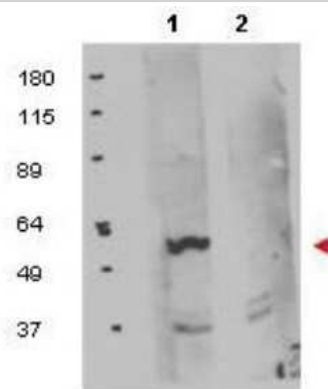
Product Description	
Description	This product was protein A purified from monospecific antiserum by immunoaffinity chromatography using protein A coupled to agarose beads Store vial at -20C or below prior to opening. This vial contains a relatively low volume of reagent (25 ul). To minimize loss of volume dilute 1:10 by adding 225 ul of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20C or below after dilution. Avoid cycles of freezing and thawing.
Host	Rabbit
Gene ID	23770
Gene Symbol	FKBP8
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest partial cross-reactivity with FKBP38 from mouse and rat sources based on ~93% homology with the immunizing sequence. Cross-reactivity with FKBP38 from other sources has not been determined.
Immunogen	This protein A purified FKBP38 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human FKBP38 protein. (Uniprot: Q14318)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:25000
Application Notes	This protein A purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 64 kDa in size corresponding to FKBP8 by western blotting in the appropriate cell lysate or extract.

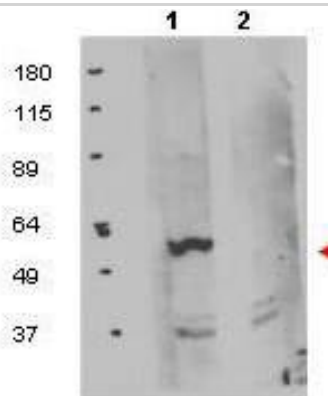


Images

Western Blot: FKBP38 Antibody [NBP1-77909] - Shows detection of exogenous FKBP8 in 50 ug of HEK293T whole cell lysate (lane 1). The results of peptide competition are shown in lane 2 where no specific staining is noted after the antibody is first incubated for 1h with the immunizing peptide in 5% BLOTTO prior to reaction with the membrane. The membrane was probed with the primary antibody at a 1:1,000 dilution in 5% BLOTTO at 4C, overnight. Personal Communication, Olga Aprelikova, CCR-NCI, Bethesda, MD.



Western blot using protein A purified anti-FKBP8 antibody shows detection of exogenous FKBP8 in 50 ug of HEK293T whole cell lysate (lane 1). The results of peptide competition are shown in lane 2 where no specific staining is noted after the antibody is first incubated for 1h with the immunizing peptide in 5% BLOTTO prior to reaction with the membrane. The membrane was probed with the primary antibody at a 1:1,000 dilution in 5% BLOTTO at 4 C, overnight. Personal Communication, Olga Aprelikova, CCR-NCI, Bethesda, MD.



Publications

E Navarro-Vi, P de la Cruz, L Contreras, R González, M Negrete, MA Rodríguez-, LM Marín-Góme, JM Álamo-Mart, A Calvo, MA Gómez-Brav, J de la Cruz, J Padillo, J Muntané Molecular Pathways Leading to Induction of Cell Death and Anti-Proliferative Properties by Tacrolimus and mTOR Inhibitors in Liver Cancer Cells Cell. Physiol. Biochem., 2020-05-06;54(3):457-473. 2020-05-06 [PMID: 32369692]



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Products Related to NBP1-77909

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00023770-P01-10ug	Recombinant Human FKBP38 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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