BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Importin subunit alpha-6 KPNA5 Antibody

Catalog Number: A09441

About KPNA5

Karyopherin, a cytosolic and heterodimeric protein complex consisting of alpha and beta subunits, is responsible for targeting proteins with nuclear localization signals to the nuclear pore complex (NPC) by an energy requiring, Ran-dependent mechanism. The alpha subunit and imported substrate enter the nucleus and accumulate in the nucleoplasm, while the beta subunit accumulates at the NPC. KPNA5 belongs to a subfamily within the KPNA family that also includes KPNA4 and 6 and is thought to be involved in NLS-dependent protein import into the nucleus.

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Overview

Product Name	Anti-Importin subunit alpha-6 KPNA5 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Importin subunit alpha-6 KPNA5 Antibody (Catalog # A09441). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	KPNA5 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	KPNA5 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O15131

Technical Details

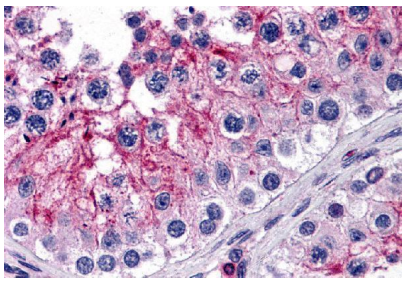
Immunogen	KPNA5 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human KPNA5. The immunogen is located within amino acids 30 - 80 of KPNA5.
Predicted Reactive Species	Rat
Cross Reactivity	KPNA5 antibody is human specific. KPNA5 antibody is predicted to not cross-react with other Importin alpha family members.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	KPNA5 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	KPNA5 antibody can be used for detection of KPNA5 by immunohistochemistry at 5 ug/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Importin subunit alpha-6 KPNA5 Antibody (A09441) Images



Immunohistochemistry of KPNA5 in human testis tissue with KPNA5 antibody at 5 ug/mL.

Anti-Importin subunit alpha-6 KPNA5 Antibody

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