BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Transportin-3 TNPO3 Antibody

Catalog Number: A03407

About TNPO3

TNPO3 is a member of the importin beta/transportin family of nuclear import receptors and is specific for the essential splicing factors termed SR proteins, binding specifically and directly to the arginine/serine (RS)-rich domains of these proteins. Further experiments demonstrated that this interaction occurs only when these RS domains are phosphorylated. More recently, TNPO3 was identified as an HIV dependency factor (HDF) and that depletion of TNPO3 resulted in HIV inhibition after reverse transcription but before integration, suggesting that TNPO3 may be an important drug target in HIV treatment. At least three isoforms of TNPO3 are known to exist.

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Overview

Product Name	Anti-Transportin-3 TNPO3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Transportin-3 TNPO3 Antibody (Catalog # A03407). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	TNPO3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TNPO3 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	Q9Y5L0

Technical Details

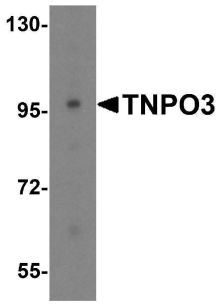
Immunogen	TNPO3 antibody was raised against a 18 amino acid synthetic peptide from near the amino terminus of human TNPO3. The immunogen is located within amino acids 140 - 190 of TNPO3.
Predicted Reactive Species	Rat
Isotype	IgG

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Form	Liquid
Concentration	1 mg/mL
Purification	TNPO3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TNPO3 antibody can be used for detection of TNPO3 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot 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-Transportin-3 TNPO3 Antibody (A03407) Images



Western blot analysis of TNPO3 in HeLa cell lysate with TNPO3 antibody at 0.5 ug/mL.

Anti-Transportin-3 TNPO3 Antibody

For Research Use Only. Not for use in diagnostic procedures.