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Anti-KANK3 Antibody

Catalog Number: A15307

About KANK3

Ankyrins are membrane adaptor molecules that play important roles in the control of cytoskeleton formation by regulating actin polymerization. Like other members of the KANK family, KANK3 (KN motif and ankyrin repeat domain-containing protein 3), is thought to play a role in the formation of actin stress fibers. In zebrafish, the homolog of KANK3 interacts with the adaptor protein Numb, a protein implicated in multiple basic cellular processes, and is essential for epidermal integrity and neurulation, suggesting that KANK3 may play a similar role in higher organisms.

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Overview

Product Name	Anti-KANK3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-KANK3 Antibody (Catalog # A15307). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	KANK3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	KANK3 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q6NY19

Technical Details

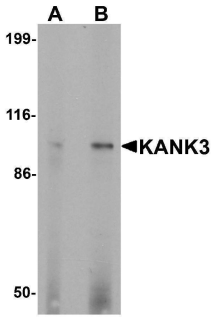
Immunogen	KANK3 antibody was raised against an 18 amino acid peptide near the amino terminus of human KANK3 . The immunogen is located within amino acids 50 - 100 of KANK3.
Predicted Reactive Species	Bovine
Cross Reactivity	Two alternatively spliced transcript variants encoding different isoforms have been identified.
Isotype	IgG

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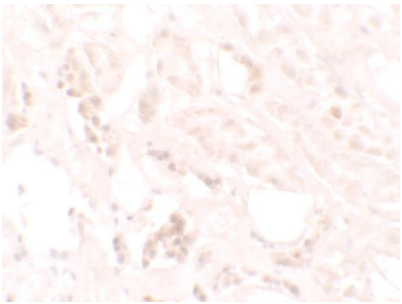
Form	Liquid
Concentration	1 mg/mL
Purification	KANK3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	KANK3 Antibody can be used for detection of KANK3 by Western blot starting at 1 ug/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in 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-KANK3 Antibody (A15307) Images



Western blot analysis of KANK3 in A431 cell lysate with KANK3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of KANK3 in human kidney tissue with KANK3 antibody at 2.5 ug/ml.

Anti-KANK3 Antibody

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