

Anti-KANK2 Antibody

Catalog Number: A07999-1

About KANK2

Ankyrins are membrane adaptor molecules that play important roles in the control of cytoskeleton formation by regulating actin polymerization. KANK2 (KN motif and ankyrin repeat domain-containing protein 2), was initially identified as a steroid receptor coactivator (SRC) interacting protein (SIP) that could sequester steroid receptor coactivators in the cytoplasm. More recent experiments have shown that while KANK2 is widely expressed, in kidney podocytes, KANK2 localizes to foot processes, suggesting that KANK2 may contribute to controlling actin dynamics in podocyte foot processes.

Overview

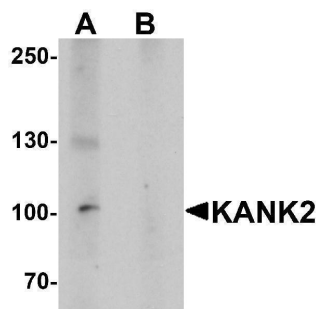
Product Name	Anti-KANK2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KANK2 Antibody (Catalog # A07999-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	KANK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	KANK2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q63ZY3

Technical Details

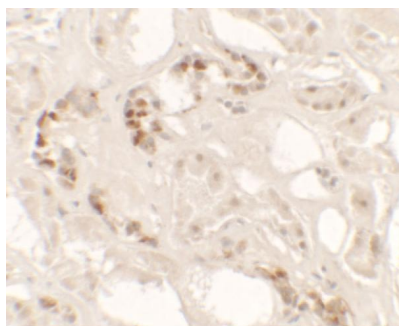
Immunogen	KANK2 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human KANK2. The immunogen is located within the last 50 amino acids of KANK2.
Predicted Reactive Species	Bovine
Cross Reactivity	Two alternatively spliced transcript variants encoding different isoforms have been identified.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	KANK2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	KANK2 Antibody can be used for detection of KANK2 by Western blot at 1 ug/mL.

Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

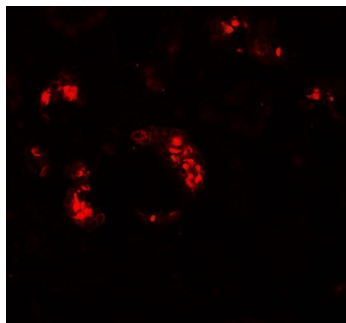
Anti-KANK2 Antibody (A07999-1) Images



Western blot analysis of KANK2 in mouse brain tissue lysate with KANK2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of KANK2 in human kidney tissue with KANK2 antibody at 2.5 ug/ml.



Immunofluorescence of KANK2 in human kidney tissue with KANK2 antibody at 20 ug/ml.

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Anti-KANK2 Antibody

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