BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Protein yippee-like 4 YPEL4 Antibody

Catalog Number: A17179

About YPEL4

YPEL4 (yippee-like 4) belongs to a family of five yippee-like proteins, all of which localize to the centrosome or mitotic spindle and are widely expressed in both adult and fetal tissue. This localization plus the fact that the family of human YPEL proteins share a high degree of sequence homology across species suggests that these proteins may have a conserved function involved in cell division. YPEL4 is ubiquitously expressed in adult tissues and has been shown to associate with the major vault protein (MVP). It has been suggested that MVP can inhibit YPEL4's ability to activate Elk-1 in the MAPK signaling pathway.

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Overview

Product Name	Anti-Protein yippee-like 4 YPEL4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Protein yippee-like 4 YPEL4 Antibody (Catalog # A17179). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	YPEL4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	YPEL4 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	Q96NS1

Technical Details

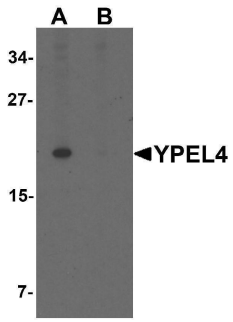
Immunogen	YPEL4 antibody was raised against a 12 amino acid synthetic peptide near the amino terminus of human YPEL4. The immunogen is located within the first 50 amino acids of YPEL4.
Predicted Reactive Species	Rat
Isotype	IgG

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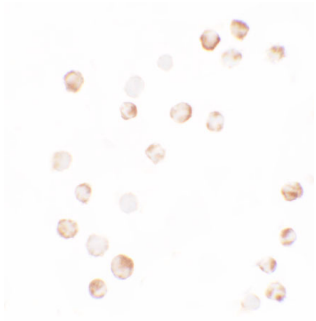
Form	Liquid
Concentration	1 mg/mL
Purification	YPEL4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	YPEL4 antibody can be used for detection of YPEL4 by Western blot at 1 ug/mL. Antibody validated: Western Blot in mouse samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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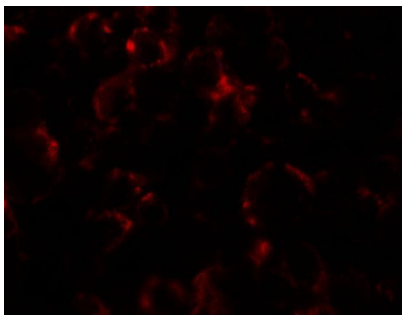
Anti-Protein yippee-like 4 YPEL4 Antibody (A17179) Images



Western blot analysis of YPEL4 in SW480 cell lysate with YPEL4 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of YPEL4 in SW480 cells with YPEL4 antibody at 2.5 ug/ml.



Immunofluorescence of YPEL4 in SW480 cells with YPEL4 antibody at 5 ug/ml.

Anti-Protein yippee-like 4 YPEL4 Antibody

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