

Anti-WAPL Antibody

Catalog Number: A03684

About WAPAL

WAPL (wings apart-like), also known as WAPAL or FOE, is a 1,190 amino acid protein that contains one WAPL domain and may play an important role in cell growth (1). It is expressed in an isoform dependent manner in heart, skeletal muscle (isoform 2) and uterine cervix tumor tissue (isoform 1) (1,2,4). WAPL is involved in sister-chromatid adhesion and promotes release of cohesin from chromosomes by directly interacting with its regulatory subunits (3,4). WAPL is a new regulator of the development and metastasis of cancerous tissue (4,5).

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Overview

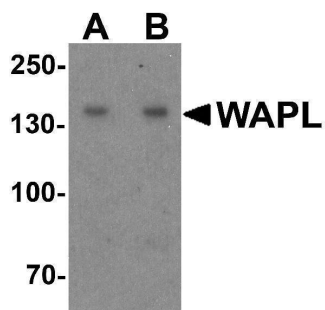
Product Name	Anti-WAPL Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-WAPL Antibody (Catalog # A03684). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	WAPL antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q7Z5K2

Technical Details

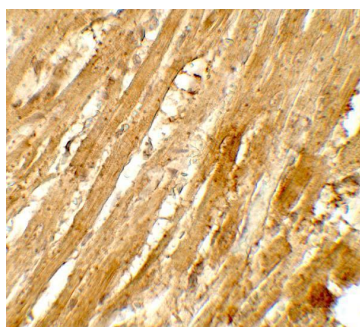
Immunogen	WAPL antibody was raised against an 18 amino acid peptide near the amino terminus of human WAPL. The immunogen is located within amino acids 30 - 80 of WAPL.
Predicted Reactive Species	Bovine, Mouse, Rat
Cross Reactivity	WAPL antibody is human, mouse and rat reactive. At least four isoforms of WAPL are known to exist.

Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	WAPL antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	WAPL antibody can be used for detection of WAPL by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL. For Immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

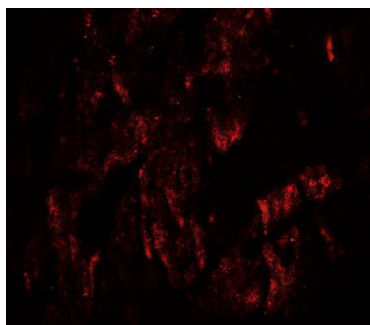
Anti-WAPL Antibody (A03684) Images



Western blot analysis of WAPL in A20 cell lysate with WAPL antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of WAPL in rat heart tissue with WAPL antibody at 5 ug/mL.



Immunofluorescence of WAPL in rat heart tissue with WAPL antibody at 20 ug/mL.

Anti-WAPL Antibody

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