

Anti-ARF-BP1 HUWE1 Antibody

Catalog Number: A04634

About HUWE1

The ARF tumor suppressor is a critical regulator of p53 stability. In addition to p53, ARF1 binds to other proteins such as MDM2 and ARF-BP1, a large protein containing HECT, UBA and WWE motifs. ARF-BP1 directly binds and ubiquitinates p53; this activity is inhibited by ARF, indicating that ARF-BP1 is a critical mediator of the p53-dependent and p53-independent tumor suppressor functions of ARF. ARF-BP1 can also catalyze the polyubiquitination of Mcl-1, an anti-apoptotic Bcl-2 family member involved in DNA damage-induced apoptosis. Elimination of ARF-BP1 expression by RNA interference stabilized Mcl-1 protein, resulting in an attenuation of apoptosis induced by DNA-damage agents.

Overview

Product Name	Anti-ARF-BP1 HUWE1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ARF-BP1 HUWE1 Antibody (Catalog # A04634). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	ARF-BP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ARF-BP1 antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q7Z6Z7

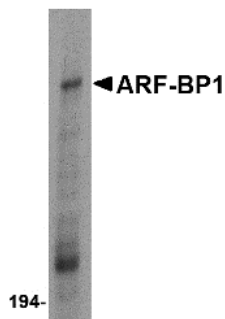
Technical Details

Immunogen	ARF-BP1 antibody was raised against a 19 amino acid synthetic peptide from near the carboxy terminus of human ARF-BP1. The immunogen is located within amino acids 4250 - 4300 of ARF-BP1.
Predicted Reactive Species	Rat
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ARF-BP1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ARF-BP1 antibody can be used for detection of ARF-BP1 by Western blot at 1 ug/mL. Antibody can

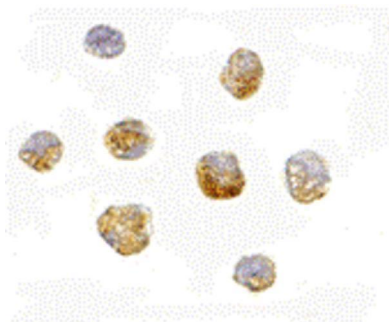
also be used for immunocytochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human 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.

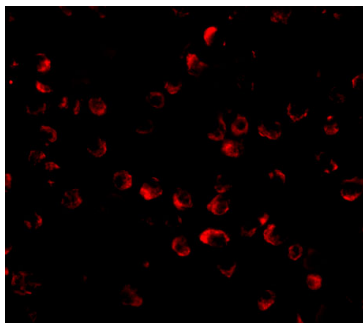
Anti-ARF-BP1 HUWE1 Antibody (A04634) Images



Western blot analysis of ARF-BP1 in Daudi cell lysate with ARF-BP1 antibody at 1 ug/mL.



Immunocytochemistry of ARF-BP1 in Daudi cells with ARF-BP1 antibody at 5 ug/mL.



Immunofluorescence of ARF-BP1 in Daudi cells with ARF-BP1 antibody at 20 ug/mL.

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Anti-ARF-BP1 HUWE1 Antibody

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