

Anti-ARID1A Rabbit Monoclonal Antibody

Catalog Number: M00247-1

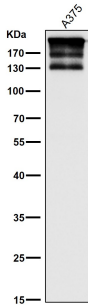
Overview

Product Name	Anti-ARID1A Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ARID1A Rabbit Monoclonal Antibody catalog # M00247-1. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal 17A27
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O14497

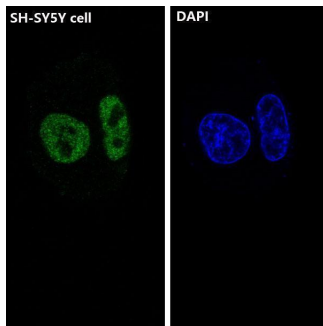
Technical Details

Immunogen	A synthesized peptide derived from human ARID1A
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200

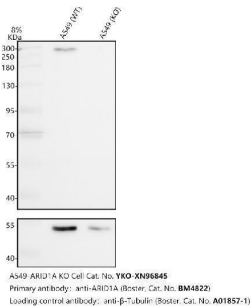
Anti-ARID1A Rabbit Monoclonal Antibody (M00247-1) Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

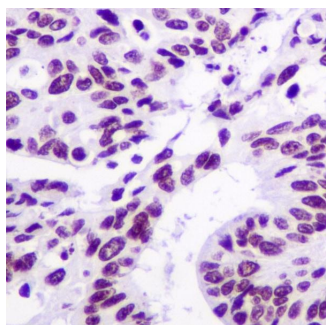
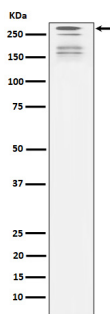


Immunofluorescent analysis of SH-SY5Y cells, using ARID1A Antibody.



Western blot analysis of ARID1A using anti-ARID1A antibody (M00247-1). Electrophoresis was performed on a 8% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human A549-WT whole cell lysates, Lane 2: human A549-ARID1A KO whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ARID1A antigen affinity purified monoclonal antibody (M00247-1) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for ARID1A at approximately 250-270 kDa. The expected band size for ARID1A is at 242 kDa.

Western blot analysis of ARID1A expression in 293 cell lysate.



Immunohistochemical analysis of paraffin-embedded human adenocarcinoma of colon, using ARID1A Antibody.

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Anti-ARID1A Rabbit Monoclonal Antibody

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