Product datasheet

Anti-ARID2 Antibody

Catalog Number: *A05064*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-ARID2 Antibody
Gene Name	ARID2
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IP
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human ARID2, identical to the related mouse and rat sequences.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	245 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 ImmunoPrecipitation (IP):1:250-300

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

AT-rich interactive domain-containing protein 2 (ARID2) is a protein that in humans is encoded by the ARID2 gene. It is mapped to 12q12. This gene encodes a member of the AT-rich interactive domain (ARID)-containing family of DNA-binding proteins. Members of the ARID family have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and chromatin structure modification. This protein functions as a subunit of the polybromo- and BRG1-associated factor or PBAF (SWI/SNF-B) chromatin remodeling complex which facilitates ligand-dependent transcriptional activation by nuclear receptors. Mutations in this gene are associated with hepatocellular carcinomas. A pseudogene of this gene is found on chromosome1.

Reference

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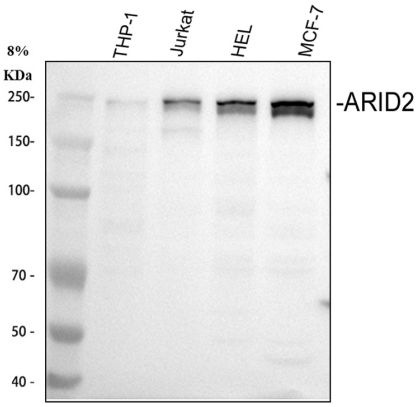
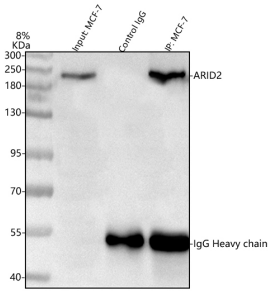
Anti-ARID2 Antibody被引用在2文献中。

Selected Validation Data



Western blot analysis of ARID2 using anti-ARID2 antibody (A05064). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human THP-1 whole cell lysates,
Lane 2: human Jurkat whole cell lysates,
Lane 3: human HEL whole cell lysates,
Lane 4: human MCF-7 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-ARID2 antigen affinity purified polyclonal antibody (A05064) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for ARID2 at approximately 245 kDa. The expected band size for ARID2 is at 197 kDa.



IP analysis of ARID2 using anti-ARID2 antibody (A05064) in MCF-7 whole cell lysate.
Western blot analysis of ARID2 using anti- ARID2 antibody (A05064).
Lane 1: MCF-7 whole cell lysates(30ug),
Lane 2: Rabbit control IgG instead of anti- ARID2 antibody in MCF-7 whole cell lysate,
Lane 3: anti- ARID2 antibody (2μg) + MCF-7 whole cell lysate (500μg).
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti- ARID2 antigen affinity purified polyclonal antibody (A05064) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for ARID2 at approximately 245 kDa. The expected band size for ARID2 is at 197 kDa.