

# Product Datasheet

## ARID1B Antibody NB100-57484

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-57484****ARID1B Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA

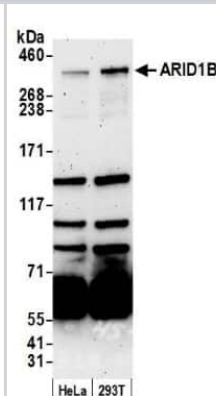
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	57492
<b>Gene Symbol</b>	ARID1B
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 1300 and 1350 of human AT rich interactive domain 1B using the numbering given in entry NP_787059.2 (GeneID 57492).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:10000, Immunohistochemistry 1:500 - 1:2000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

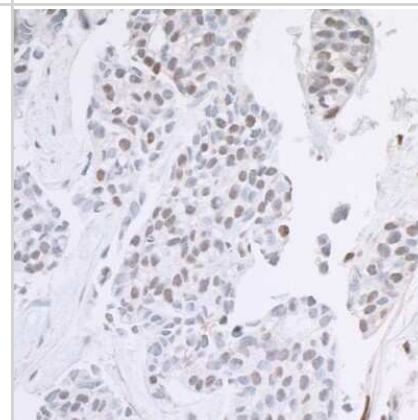


## Images

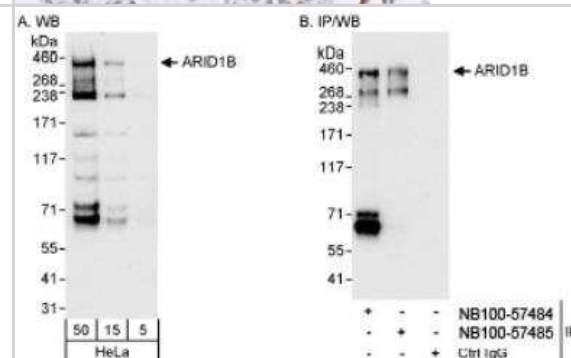
**Western Blot: ARID1B Antibody [NB100-57484] - Detection of human ARID1B by western blot.** Samples: Whole cell lysate (15 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ARID1B antibody NB100-57484 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



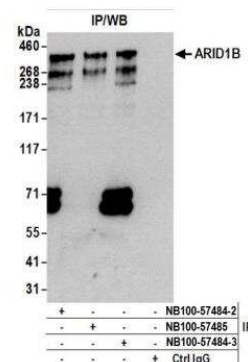
**Immunohistochemistry-Paraffin: ARID1B Antibody [NB100-57484] - Sample: FFPE section of human breast carcinoma.** Antibody: Affinity purified rabbit anti-ARID1B (NB100-57484). Detection: DAB



**Western Blot: ARID1B Antibody [NB100-57484] - Detection of Human ARID1B on HeLa whole cell lysates using NB100-57484.** ARID1B was also immunoprecipitated by rabbit anti-ARID1B antibody NB100-47485.



**Immunoprecipitation: ARID1B Antibody [NB100-57484] - Detection of human ARID1B by western blot of immunoprecipitates.** Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ARID1B antibody NB100-57484 (lot NB100-57484-3) used for IP at 3 ug per reaction. ARID1B was also immunoprecipitated by a previous lot of this antibody (lot NB100-57484-2) and rabbit anti-ARID1B antibody NB100-57485. For blotting immunoprecipitated ARID1B, NB100-57484 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Sim Joe C H, White Susan M, Fitzpatrick Elizabeth et al. Expanding the phenotypic spectrum of ARID1B-mediated disorders and identification of altered cell-cycle dynamics due to ARID1B haploinsufficiency. Orphanet J Rare Dis. 2014-03-27 [PMID: 24674232] (Human)



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### **Products Related to NB100-57484**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00057492-Q01-10ug	Recombinant Human ARID1B GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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