

# Product Datasheet

## p16INK4a/CDKN2A Antibody [Alexa Fluor® 700] NBP3-06986AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-06986AF700**

p16INK4a/CDKN2A Antibody [Alexa Fluor® 700]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 700
Purity	Peptide affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	1029
Gene Symbol	CDKN2A
Species	Human
Reactivity Notes	[Species Reactivity]
Specificity/Sensitivity	Human CDKN2A has 6 isoforms, including isoform 1 (156aa, 17kD), isoform 2 (105aa, 11kD), isoform 3 (116aa, 12kD), isoform 5 (167aa, 18kD), isoform tumor suppressor ARF (132aa, 14kD) and isoform smARF (85aa, 9kD). Mouse CDKN2A has 4 isoforms, including isoform 1 (168aa, 18kD), isoform 2 (125aa, 14kD), isoform tumor suppressor ARF (169aa, 19kD) and isoform smARF (125aa, 14kD). Rat CDKN2A has two isoforms, including isoform 1 (159aa, 17kD) and isoform ARF (160aa, 17kD). NBP3-06986 can detect only human isoforms 1 and 5, but cannot detect mouse and rat.
Immunogen	Antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human CDKN2A. The immunogen is located within the last 50 amino acids of CDKN2A.
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Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-06986AF700**

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NBP2-24891AF700	Rabbit IgG Isotype Control [Alexa Fluor® 700]
NBP2-35199-10ug	Recombinant Human p16INK4a/CDKN2A Protein
NBP2-35200-5ug	Recombinant Human p16INK4a/CDKN2A TAT Protein
NB200-103	p53 Antibody (PAb 240) - BSA Free

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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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