

# Product Datasheet

## p15INK4b/CDKN2B Antibody

### NBP2-26117

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-26117****p15INK4b/CDKN2B Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat p15INK4b/CDKN2B Antibody (NBP2-26117) is a polyclonal antibody validated for use in WB and ELISA. Anti-p15INK4b/CDKN2B Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	1030
Gene Symbol	CDKN2B
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize isoform 2 (NP_511042.1) only.
Immunogen	Peptide with sequence C-RQGARERGERP corresponding to C-Terminus according to NP_004927.2, NP_511042.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 12+14 kDa band bands observed in human gastrointestinal cancer lysates (calculated MW of 8.1 kDa band according to NP_511042.1). The observed 14 kDa band cannot represent isoform 1, so it most likely represents another posttranslational modification of isoform 2.

**Images**

Western Blot: p15INK4b/CDKN2B Antibody [NBP2-26117] - Staining of Human Gastrointestinal cancer lysate (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Geyer CR. Strategies to re-express epigenetically silenced p15(INK4b) and p21(WAF1) genes in acute myeloid leukemia. Epigenetics 2010-01-01 [PMID: 21124069]





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### **Products Related to NBP2-26117**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00001030-P01-10ug	Recombinant Human p15INK4b/CDKN2B GST (N-Term) Protein

### **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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