

# Product Datasheet

## AF4 Antibody - BSA Free NBP1-28705

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP1-28705**

AF4 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 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>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

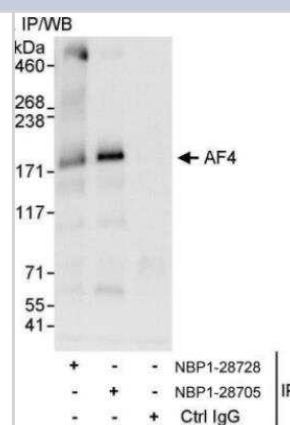
<b>Description</b>	Novus Biologicals Rabbit AF4 Antibody - BSA Free (NBP1-28705) is a polyclonal antibody validated for use in WB and IP. Anti-AF4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4299
<b>Gene Symbol</b>	AFF1
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 175 and 225 of human proto-oncogene AF4 using the numbering given in entry NP_005926.1 (GeneID 4299).

**Product Application Details**

<b>Applications</b>	Immunoprecipitation, Western Blot (Negative)
<b>Recommended Dilutions</b>	Immunoprecipitation 2-5 ug/mg lysate, Western Blot (Negative)

**Images**

Immunoprecipitation: AF4 Antibody [NBP1-28705] - Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-AF4 antibody NBP1-28728 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. AF4 was also immunoprecipitated by rabbit anti-AF4 antibody NBP1-28705, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).

**Publications**

Wu F, Nie S, Yao Y Et al. Small-molecule inhibitor of AF9/ENL-DOT1L/AF4/AFF4 interactions suppresses malignant gene expression and tumor growth Theranostics 2021-07-13 [PMID: 34373735] (WB)

Mak AB, Nixon AM, Moffat J et al. The mixed lineage leukemia (MLL) fusion-associated gene AF4 promotes CD133 transcription. Cancer Res 2012-04-01 [PMID: 22337994]



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### **Products Related to NBP1-28705**

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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
NBP2-56873PEP	AF4 Recombinant Protein Antigen

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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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