

# Product Datasheet

## SLX4 Antibody - BSA Free NBP1-28679

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP1-28679**

SLX4 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<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**

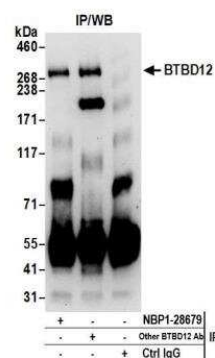
<b>Host</b>	Rabbit
<b>Gene ID</b>	84464
<b>Gene Symbol</b>	SLX4
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 1650 and 1700 of human SLX4 using the numbering given in entry NP_115820.2 (GeneID 84464).

**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunoprecipitation, Western Blot (Negative)
<b>Recommended Dilutions</b>	Immunohistochemistry Reported in (PMID: 21655083), Immunoprecipitation 2 - 10 ug/mg lysate, Western Blot (Negative)

**Images**

Immunoprecipitation: BTBD12 Antibody [NBP1-28679] - Detection of human BTBD12 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BTBD12 antibody NBP1-28679 used for IP at 6 ug per reaction. BTBD12 was also immunoprecipitated by another rabbit anti-BTBD12 antibody. For blotting immunoprecipitated BTBD12, NBP1-28679 was used at 3 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Sobinoff AP, Di Maro S, Low RRJ, Benedetti R et Al. Irreversible inhibition of TRF2(TRFH) recruiting functions by a covalent cyclic peptide induces telomeric replication stress in cancer cells Cell Chem Biol 2023-12-08 [PMID: 38065101]

Salewsky B, Schmiester M, Schindler D et al. The nuclease hSNM1B/Apollo is linked to the Fanconi anemia pathway via its interaction with FANCP/SLX4. Hum Mol Genet 2012-11-01 [PMID: 22907656]

Kim Y, Lach FP, Desetty R et al. Mutations of the SLX4 gene in Fanconi anemia. Nat Genet 2011-02-01 [PMID: 21240275]

Holloway JK, Mohan S, Balmus G et al. Mammalian BTBD12 (SLX4) Protects against Genomic Instability during Mammalian Spermatogenesis. PLoS Genet;7(6):e1002094. 2011-06-01 [PMID: 21655083]





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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
NBP2-58436PEP	SLX4 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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