

Product Datasheet

BORIS Antibody - BSA Free

NB100-2028

Unit Size: 0.1 mg

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

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NB100-2028

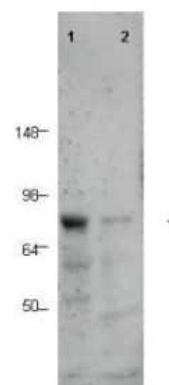
BORIS Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This affinity-purified antibody is directed against the human BORIS protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store this antibody at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	140690
Gene Symbol	CTCFL
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with BORIS proteins from human and chimpanzee. Partial reactivity may occur against BORIS from mouse, dog and rat sources based on varying degrees of homology to the immunizing sequence. Reactivity against homologues from other sources is not known.
Immunogen	This affinity purified BORIS Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to N-Terminal region near aa 1-30 of human BORIS protein. (Uniprot: Q8NI51)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:200-1:2000, ELISA 1:2000-1:10000
Application Notes	This product has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a predominant band approximately 75 kDa in size corresponding to BORIS by western blotting in the appropriate cell lysate or extract.

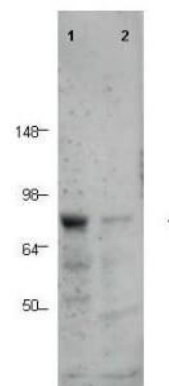


Images

Western Blot: BORIS Antibody [NB100-2028] - Analysis of a predominant band corresponding to BORIS in human tissue lysates (arrowhead). Lane 1 contains lysate from human prostate tissue. Lane 2 contains lysate from human spleen tissue. A predominant band at 75 kDa is observed.



Western blot using Affinity Purified anti-BORIS antibody shows detection of a predominant band corresponding to BORIS in human tissue lysates (arrowhead). Lane 1 contains lysate from human prostate tissue. Lane 2 contains lysate from human spleen tissue. A predominant band at ~75 kDa is observed. Molecular weight estimation was made by comparison to prestained MW markers as indicated.



Publications

Monk M, Hitchins M, Hawes S. Differential expression of the embryo/cancer gene ECSA(DPPA2), the cancer/testis gene BORIS the pluripotency structural gene OCT4, in human preimplantation development. Mol Hum Reprod;14 (6):347-355. 2008-01-01 [PMID: 18467432]



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Products Related to NB100-2028

NBL1-09565	BORIS Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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