

Product Datasheet

BTBD7 Antibody - BSA Free

NBP2-14364

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP2-14364

BTBD7 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

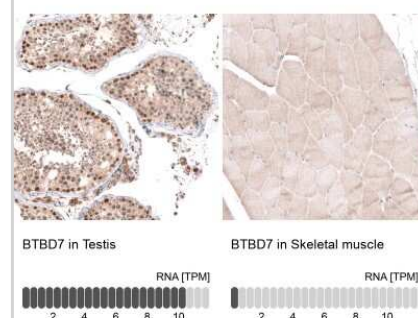
Description	Novus Biologicals Rabbit BTBD7 Antibody - BSA Free (NBP2-14364) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-BTBD7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55727
Gene Symbol	BTBD7
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: LLHYLYTGEFGMEDSRFQNVLDILVQLSEEFGTPNSLDVDMRGLFDYMCYYDVV LSFSSDSELVEAFGGNQNCLEELKAHKAVISARSPFFRNLLQRRIRTGEE

Product Application Details

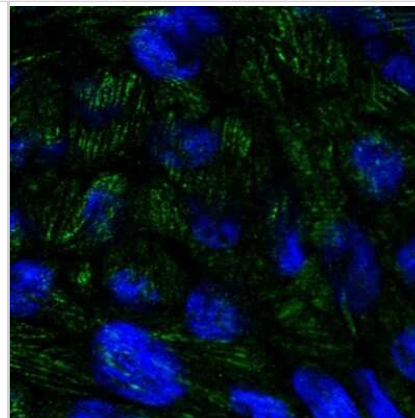
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 -1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

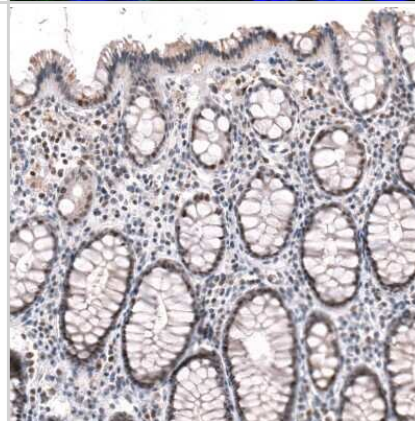
Immunohistochemistry-Paraffin: BTBD7 Antibody [NBP2-14364] - Staining in human testis and skeletal muscle tissues . Corresponding BTBD7 RNA-seq data are presented for the same tissues.



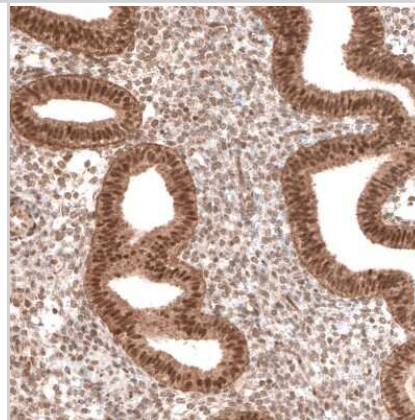
Immunocytochemistry/Immunofluorescence: BTBD7 Antibody [NBP2-14364] - Staining of human cell line RT4 shows localization to focal adhesion sites. Antibody staining shown in green.



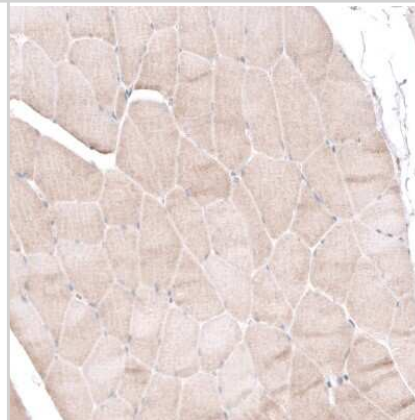
Immunohistochemistry-Paraffin: BTBD7 Antibody [NBP2-14364] - Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



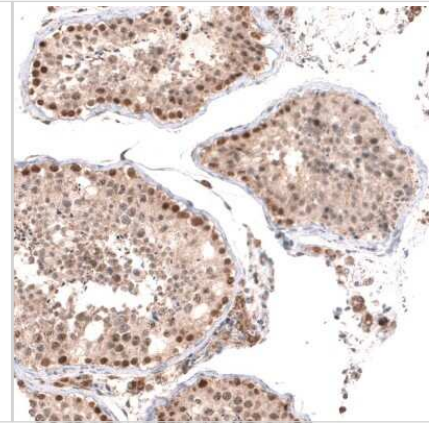
Immunohistochemistry-Paraffin: BTBD7 Antibody [NBP2-14364] - Staining of human endometrium shows moderate nuclear positivity in glandular cells, as well as weaker staining in stromal cells.



Immunohistochemistry-Paraffin: BTBD7 Antibody [NBP2-14364] - Staining of human skeletal muscle shows no nuclear positivity in striated muscle fibers as expected.



Immunohistochemistry-Paraffin: BTBD7 Antibody [NBP2-14364] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



Publications

Daley WP, Matsumoto K, Doyle AD et al. Btbd7 is essential for region-specific epithelial cell dynamics and branching morphogenesis in vivo. Development 2017-05-15 [PMID: 28506999]



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Products Related to NBP2-14364

NBP2-14364PEP	BTBD7 Recombinant Protein Antigen
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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