

Product Datasheet

Ikaros/IKZF1 Antibody - BSA Free NBP2-38242

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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NBP2-38242

Ikaros/IKZF1 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

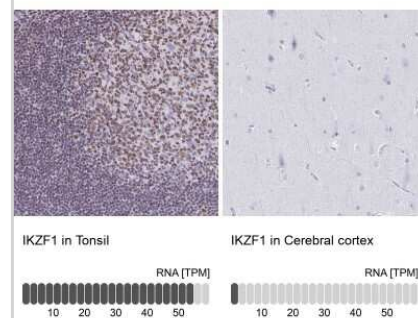
Product Description	
Description	Novus Biologicals Rabbit Ikaros/IKZF1 Antibody - BSA Free (NBP2-38242) is a polyclonal antibody validated for use in IHC, WB and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10320
Gene Symbol	IKZF1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: DADEGQDMSQVSGKESPPVSDTPDEGDEPMPPIPEDLSTTSGGQQSSKSDRV VASNVKVETQSDEENGRACEMNGEECAEDLRMLDASGEKMNGSH

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:500 -1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. See Simple Western Antibody Database for Simple Western validation: RPMI 8266 cell line at 1.0 mg/ml as sample; separated by size; antibody dilution of 1:50; observed molecular weight was 35-77 kDa; matrix was 12-230 kDa; detected by Chemiluminescence.

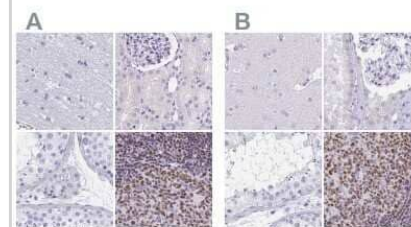


Images

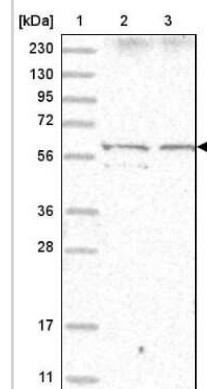
Immunohistochemistry-Paraffin: Ikaros/IKZF1 Antibody [NBP2-38242] - Staining in human tonsil and cerebral cortex tissues using anti-IKZF1 antibody. Corresponding IKZF1 RNA-seq data are presented for the same tissues.



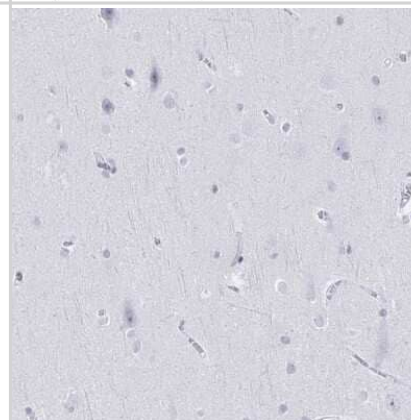
Immunohistochemistry-Paraffin: Ikaros/IKZF1 Antibody [NBP2-38242] - Staining of human cerebral cortex, kidney, testis and tonsil using Anti-IKZF1 antibody NBP2-38242 (A) shows similar protein distribution across tissues to independent antibody NBP2-38241 (B).



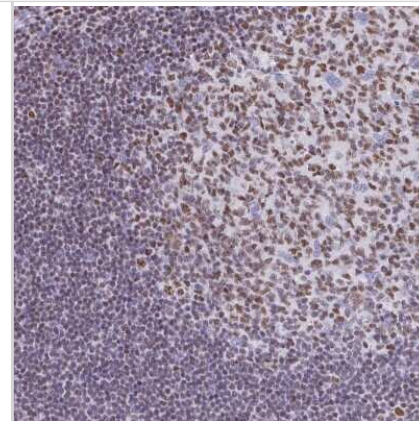
Western Blot: Ikaros/IKZF1 Antibody [NBP2-38242] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG



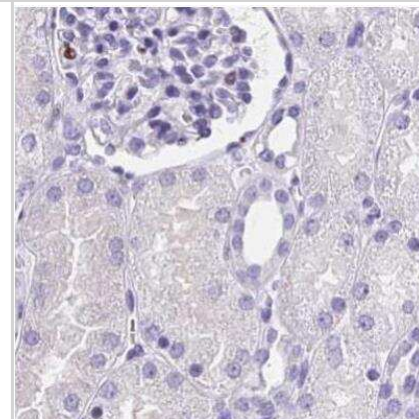
Immunohistochemistry-Paraffin: Ikaros/IKZF1 Antibody [NBP2-38242] - Staining of human cerebral cortex shows low expression as expected.



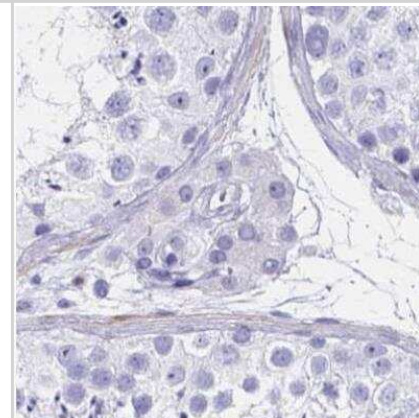
Immunohistochemistry-Paraffin: Ikaros/IKZF1 Antibody [NBP2-38242] - Staining of human tonsil shows high expression.



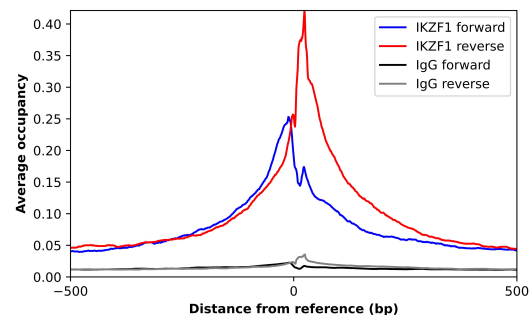
Immunohistochemistry-Paraffin: Ikaros/IKZF1 Antibody [NBP2-38242] - Staining of human kidney using Anti-IKZF1 antibody.



Immunohistochemistry-Paraffin: Ikaros/IKZF1 Antibody [NBP2-38242] - Staining of human testis using Anti-IKZF1 antibody.



ChIP-Exo-Seq composite graph for Anti-Ikaros/IKZF1 tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP2-38242

NBP2-38242PEP	Ikaros/IKZF1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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