

Product Datasheet

Thyroid Peroxidase Antibody - BSA Free NBP1-80670

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: 4

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Updated 12/2/2025 v.20.1

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NBP1-80670

Thyroid Peroxidase 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

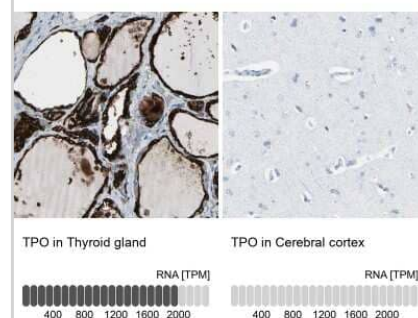
Product Description	
Description	Novus Biologicals Rabbit Thyroid Peroxidase Antibody - BSA Free (NBP1-80670) is a polyclonal antibody validated for use in IHC and WB. Anti-Thyroid Peroxidase Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7173
Gene Symbol	TPO
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RELEKHLSRVICDNTGLTRVPMDAFQVGKFPEDFESCDSITGMNLEAWRETF PQDDKCGFPESVENGDVHCEESGRRVLVYSCRHGYELQGREQLTCTQEGW DFQPPLCKDVNECADGA

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 31010838), Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

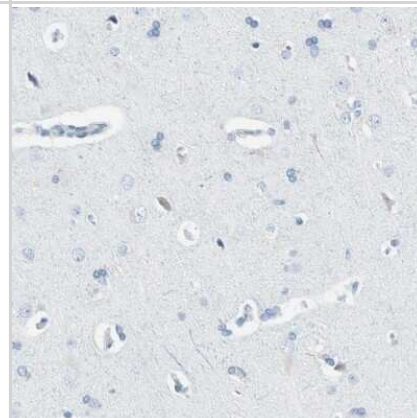


Images

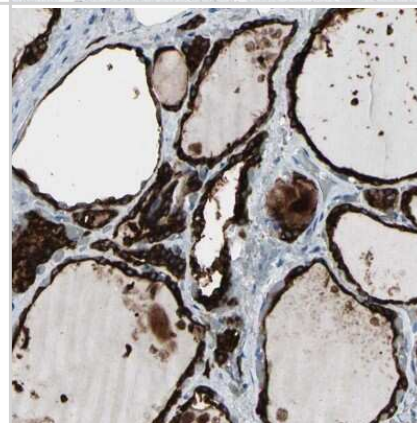
Immunohistochemistry-Paraffin: Thyroid Peroxidase Antibody [NBP1-80670] - Staining in human thyroid gland and cerebral cortex tissues using anti-TPO antibody. Corresponding TPO RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Thyroid Peroxidase Antibody [NBP1-80670] - Staining of human cerebral cortex shows low expression as expected.



Immunohistochemistry-Paraffin: Thyroid Peroxidase Antibody [NBP1-80670] - Staining of human thyroid gland shows high expression.



Publications

Kocaturk NM, Peker N, Eberhart K et al. Novel protein complexes containing autophagy and UPS components regulate proteasome-dependent PARK2 recruitment onto mitochondria and PARK2-PARK6 activity during mitophagy Cell death & disease 2022-11-10 [PMID: 36357363] (WB, Human)

Liu X, Liu Y, Yang RX et al. Loss of myeloid Tsc2 predisposes to angiotensin II-induced aortic aneurysm formation in mice Cell death & disease 2022-11-18 [PMID: 36400753] (Mouse)

Singh, TD;Song, J;Kim, J;Chin, J;Ji, HD;Lee, JE;Lee, SB;Yoon, H;Yu, JH;Kim, SK;Yoon, GS;Hwang, H;Lee, HW;Oh, JM;Lee, SW;Lee, J;Choi, HS;Na, SY;Choi, WI;Park, YJ;Song, YS;Kim, YA;Lee, IK;Cho, SJ;Jeon, YH; A novel orally active inverse agonist of estrogen-related receptor gamma (ERR gamma), DN200434, a booster of NIS in anaplastic thyroid cancer Clin. Cancer Res. 2019-04-22 [PMID: 31010838] (WB, Human)

Kim MJ, Oh SW, Youn H et al. Thyroid-Related Protein Expression in the Human Thymus. Int J Endocrinol 2017-03-02 [PMID: 28386277] (Human)



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Products Related to NBP1-80670

NBP1-80670PEP	Thyroid Peroxidase 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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