

Product Datasheet

TRHR Antibody - BSA Free

NBP2-24726

Unit Size: 0.1 mg

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

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NBP2-24726

TRHR Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS and 0.2% Gelatin

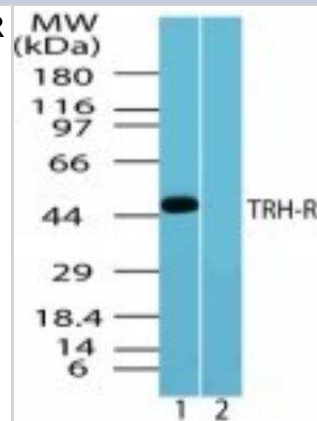
Product Description	
Description	Novus Biologicals Rabbit TRHR Antibody - BSA Free (NBP2-24726) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7201
Gene Symbol	TRHR
Species	Human, Canine, Primate
Immunogen	A portion of amino acids 350-400 of human TRH-R protein was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5-1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml

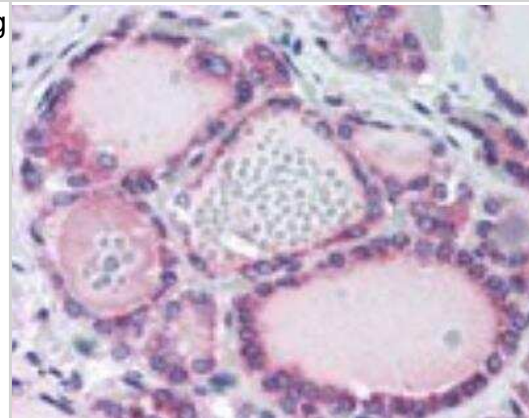


Images

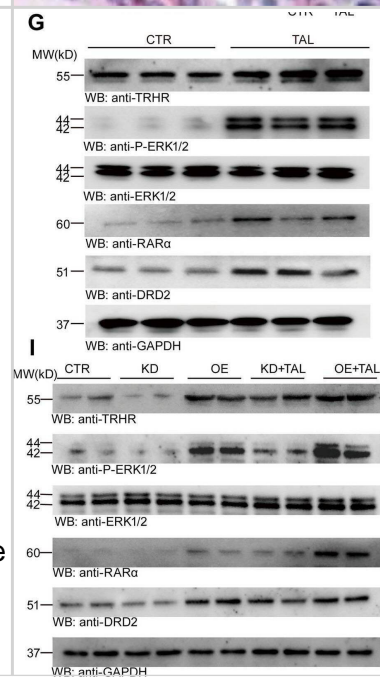
Western Blot: TRHR Antibody [NBP2-24726] - Analysis of human TRH-R in human brain lysate in the 1) absence and 2) presence of immunizing peptide at 0.5 ug/ml.



Immunohistochemistry-Paraffin: TRHR Antibody [NBP2-24726] - Staining of human thyroid using this antibody at 10 ug/ml.



TAL enhances the expression of TRHR and DRD2 in SH-SY5Y cells. A, B Immunofluorescence colocalization of DRD2 with TRHR and RAR α in SH-SY5Y cells of the CTR and TAL groups. Scale bar: 25 μ m. C, D Analysis of the relative fluorescence density of DRD2 and RAR α in cells from the CTR and TAL groups (N = 8/group; error bars represent SEM). Statistical significance: ****P < 0.0001, Student's t-test. E, F Analysis of the count of colocalized positive cells of DRD2 with TRHR and RAR α in different groups of cells (N = 8/group; error bars represent SEM). Statistical significance: ****P < 0.0001, Student's t-test. G, H Western blotting analysis of TRHR, P-ERK1/2, ERK1/2, RAR α , and DRD2 levels in the SH-SY5Y of CTR and TAL group (N = 8/group; error bars represent SEM). Statistical significance: ****P < 0.0001, Student's t-test. I, J After knockdown and overexpression of TRHR, Western blotting analysis of TRHR, P-ERK1/2, ERK1/2, RAR α , and DRD2 levels in each group of SH-SY5Y cells (N = 8/group; error bars represent SEM). Statistical significance: **P < 0.01, ****P < 0.0001, one-way ANOVA followed by Tukey's test. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/39736794>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





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Products Related to NBP2-24726

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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