

Product Datasheet

ZMAT4 Antibody - BSA Free

NBP2-49619

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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NBP2-49619

ZMAT4 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

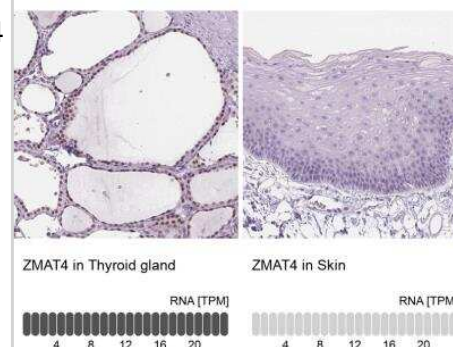
Description	Novus Biologicals Rabbit ZMAT4 Antibody - BSA Free (NBP2-49619) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79698
Gene Symbol	ZMAT4
Species	Human
Reactivity Notes	Rat (84%).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: QH YD G K K H K K N A A R V A L L E Q L G T T L D M G E L R G L R R N Y R C T I C S V S L N S I E Q Y H

Product Application Details

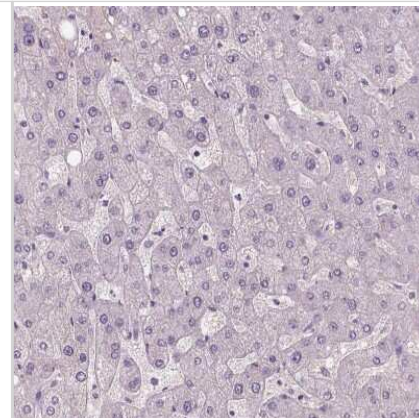
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

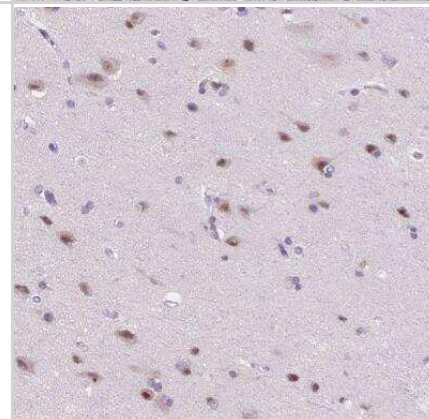
Immunohistochemistry-Paraffin: ZMAT4 Antibody [NBP2-49619] - Analysis in human thyroid gland and skin tissues. Corresponding ZMAT4 RNA-seq data are presented for the same tissues.



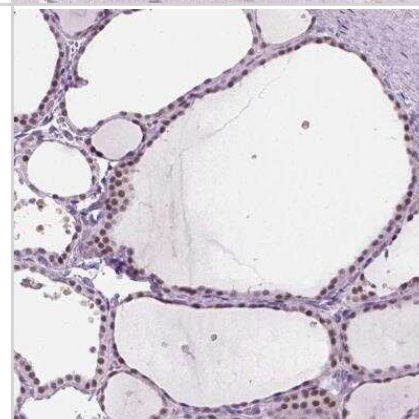
Immunohistochemistry-Paraffin: ZMAT4 Antibody [NBP2-49619] -
Staining of human liver shows no positivity in hepatocytes as expected.



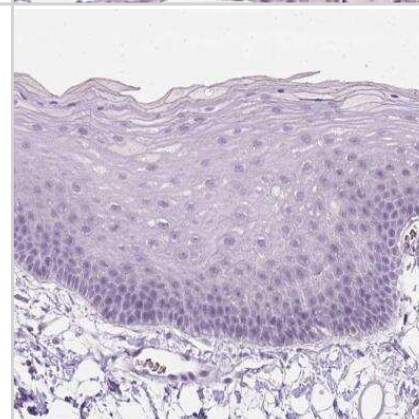
Immunohistochemistry-Paraffin: ZMAT4 Antibody [NBP2-49619] -
Staining of human cerebral cortex shows weak to moderate positivity in neurons.



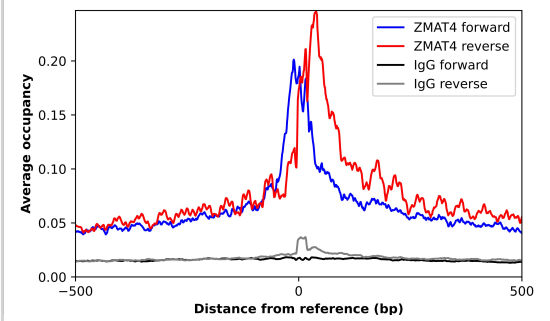
Immunohistochemistry-Paraffin: ZMAT4 Antibody [NBP2-49619] -
Staining of human thyroid gland shows moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: ZMAT4 Antibody [NBP2-49619] -
Staining of human skin shows no positivity in squamous epithelial cells as expected.



ChIP-Exo-Seq composite graph for Anti-ZMAT4 (NBP2-49619) 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 NBP2-49619

NBP2-49619PEP	ZMAT4 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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