

Product Datasheet

Hydroxyacid Oxidase-1/HAO-1 Antibody NBP2-14080

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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NBP2-14080**Hydroxyacid Oxidase-1/HAO-1 Antibody****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

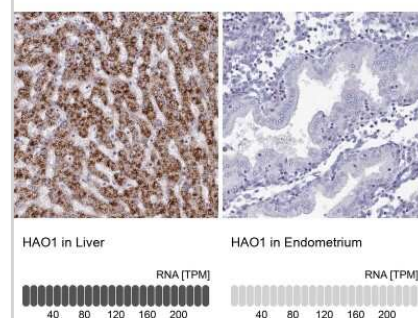
Host	Rabbit
Gene ID	54363
Gene Symbol	HAO1
Species	Human, Canine
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Rat (88%). Reactivity reported in scientific literature (PMID: 24648543). Canine reactivity reported from a verified customer review.
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: QHAKSVLPKSIYDYRSGANDEETLADNIAAFSRWKLYPRMLRNVAETDLSTSV LGQRVSMPICVGATAMQRMHVVDGELATVR

Product Application Details

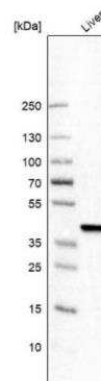
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000-1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

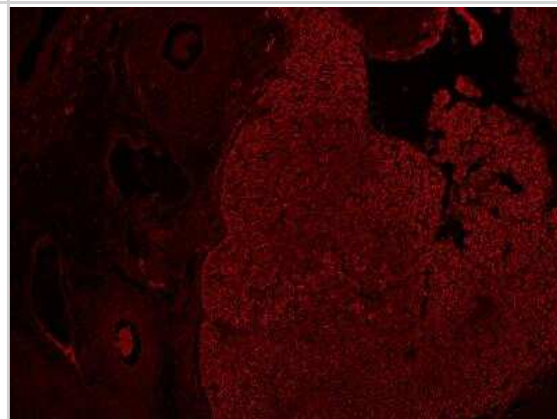
Immunohistochemistry-Paraffin: Hydroxyacid Oxidase-1/HAO-1 Antibody [NBP2-14080] - Analysis in human liver and endometrium tissues using NBP2-14080 antibody. Corresponding HAO1 RNA-seq data are presented for the same tissues.



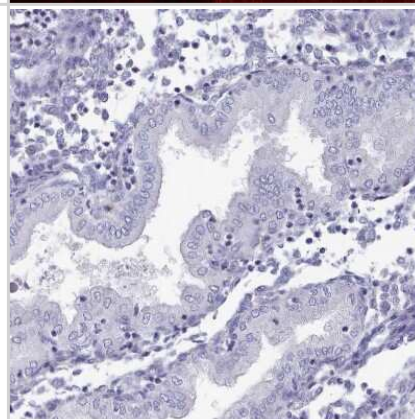
Western Blot: Hydroxyacid Oxidase-1/HAO-1 Antibody [NBP2-14080] - Analysis in human liver tissue.



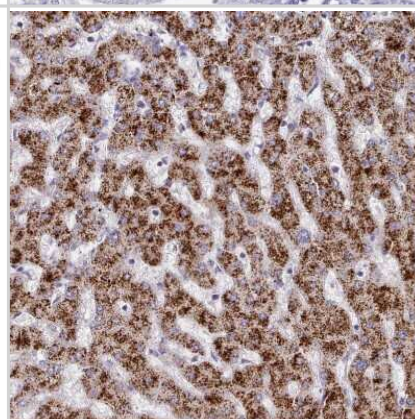
Immunohistochemistry-Paraffin: Hydroxyacid Oxidase-1/HAO-1 Antibody [NBP2-14080] - Hydroxyacid Oxidase-1/HAO-1 antibody was used on canine paraffin-embedded liver tissue at a concentration of 20ug/mL and left at 4C overnight. HIER was performed in Tris/EDTA buffer for two hours at 75C. Image from verified customer review.



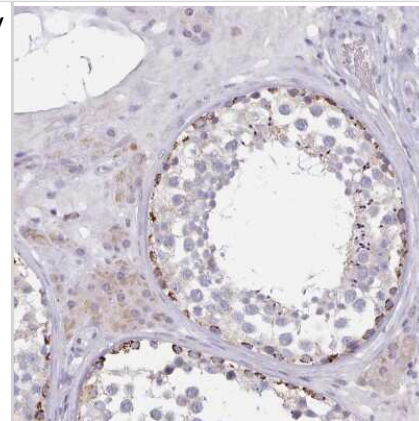
Immunohistochemistry-Paraffin: Hydroxyacid Oxidase-1/HAO-1 Antibody [NBP2-14080] - Staining of human endometrium shows no positivity in glandular cells as expected.



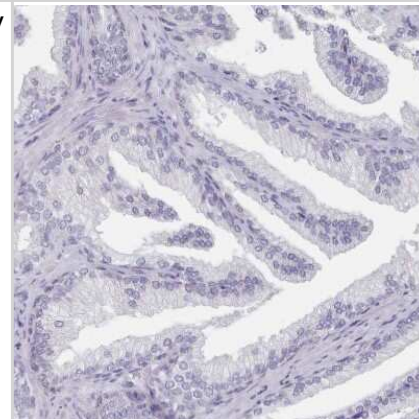
Immunohistochemistry-Paraffin: Hydroxyacid Oxidase-1/HAO-1 Antibody [NBP2-14080] - Staining of human liver shows strong granular cytoplasm positivity in hepatocytes.



Immunohistochemistry-Paraffin: Hydroxyacid Oxidase-1/HAO-1 Antibody [NBP2-14080] - Staining of human testis shows moderate granular cytoplasm positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Hydroxyacid Oxidase-1/HAO-1 Antibody [NBP2-14080] - Staining of human prostate shows no positivity in glandular cells.



Publications

Kampf C, Mardinoglu A, Fagerberg L et al. The human liver-specific proteome defined by transcriptomics and antibody-based profiling. FASEB J 2014-07-01 [PMID: 24648543]



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Products Related to NBP2-14080

NBP2-14080PEP	Hydroxyacid Oxidase-1/HAO-1 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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