

Product Datasheet

VAP-1/AOC3 Antibody - BSA Free NBP1-89671

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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NBP1-89671

VAP-1/AOC3 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

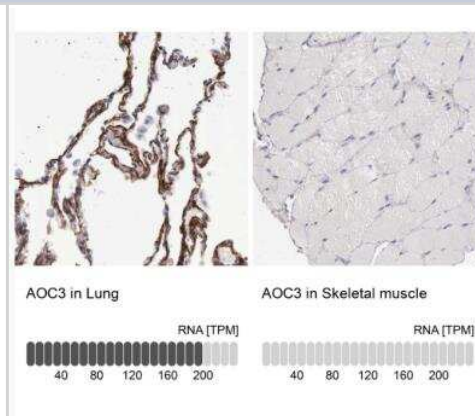
| | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 8639 |
| Gene Symbol | AOC3 |
| Species | Human, Equine |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (82%). Human reactivity reported in scientific literature (PMID: 25562318). Equine reactivity reported from a verified customer review. |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: DIDQMIFNRELPQASGLLHHCCFYKHRGRNLVTMTTAPRGLQSGDRATWFGLY YNISGAGFFLHHVGLELLVNHKALDPARWTIQKVFYQGRYYDSLAQLEAQFEA GLVNVVLI |

Product Application Details

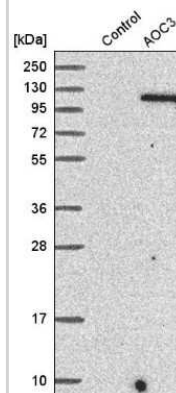
| | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

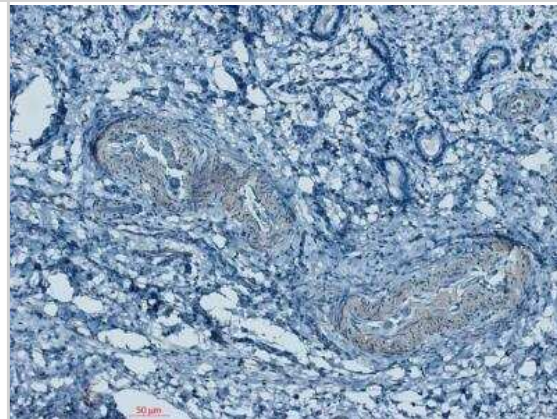
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Analysis in human lung and skeletal muscle tissues. Corresponding AOC3 RNA-seq data are presented for the same tissues.



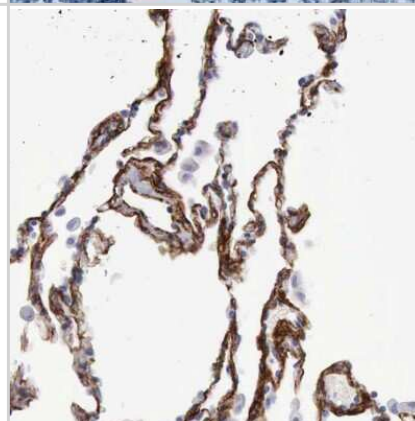
Western Blot: VAP-1/AOC3 Antibody [NBP1-89671] - Analysis in control (vector only transfected HEK293T lysate) and aOC3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



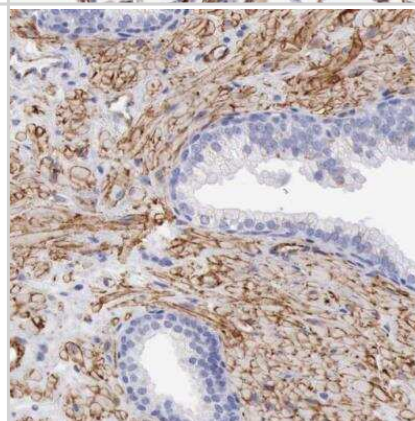
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Equine endometrium. All vascular smooth muscle was positively stained. IHC-P image submitted by a verified customer review.



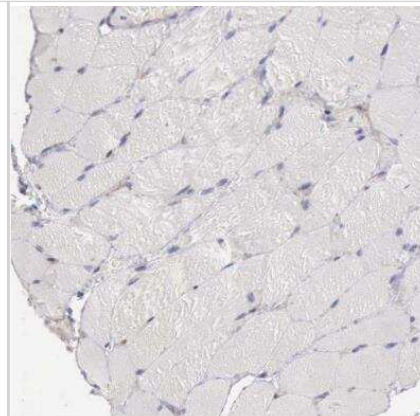
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Staining of human lung shows high expression.



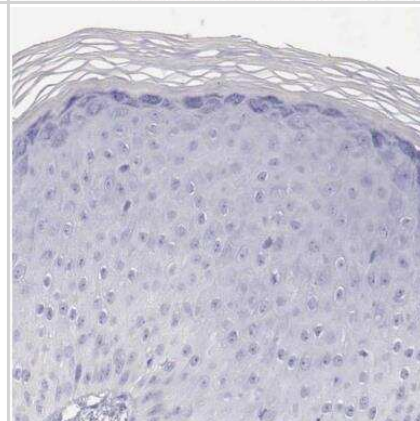
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Staining of human prostate shows moderate membranous positivity in smooth muscle cells.



Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Staining of human skin shows no positivity in squamous epithelial cells as expected.



Publications

Weston CJ, Shepherd EL, Claridge LC et al. Vascular adhesion protein-1 promotes liver inflammation and drives hepatic fibrosis. J Clin Invest 2015-02-01 [PMID: 25562318] (IF/IHC, Human)

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. Mol Cell Proteomics 2006-06-01 [PMID: 16524965]



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Products Related to NBP1-89671

| | |
|---------------|---|
| NBP1-89671PEP | VAP-1/AOC3 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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