

# 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

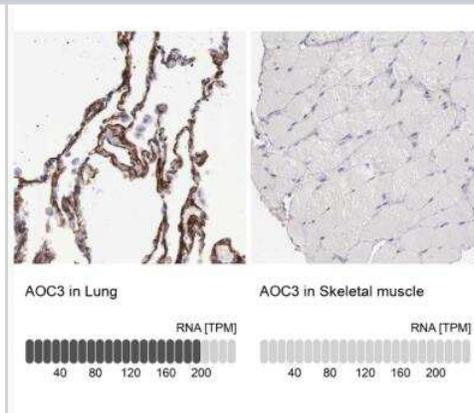
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium 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 YNISGAGFFLHHVGLLELLVNHKALDPARWTIQKVFYQGRYYDSLALQLEAQFEA GLVNVVLI

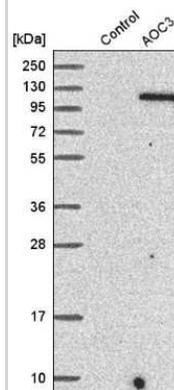
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

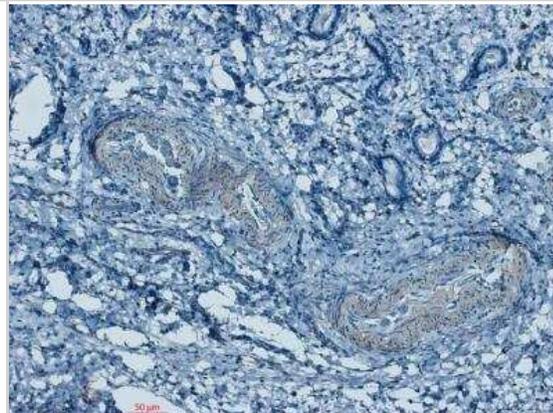
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Analysis in human lung and skeletal muscle tissues. Corresponding AOC3 RNA-seq data are presented for the same tissues.



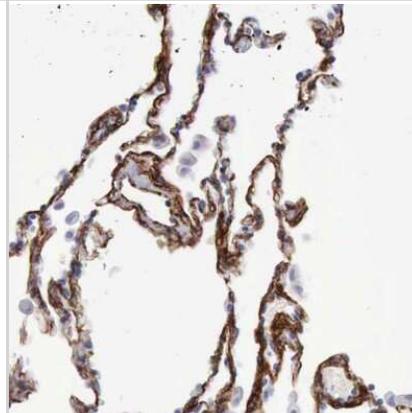
Western Blot: VAP-1/AOC3 Antibody [NBP1-89671] - Analysis in control (vector only transfected HEK293T lysate) and aOC3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



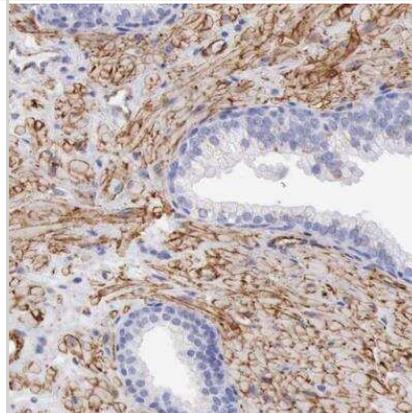
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Equine endometrium. All vascular smooth muscle was positively stained. IHC-P image submitted by a verified customer review.



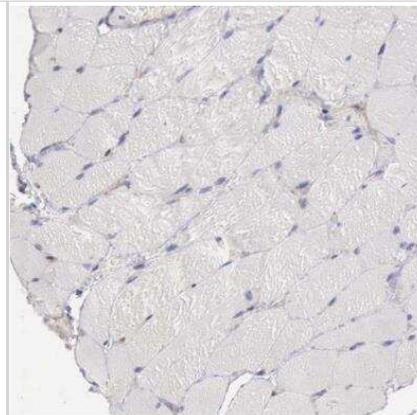
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Staining of human lung shows high expression.



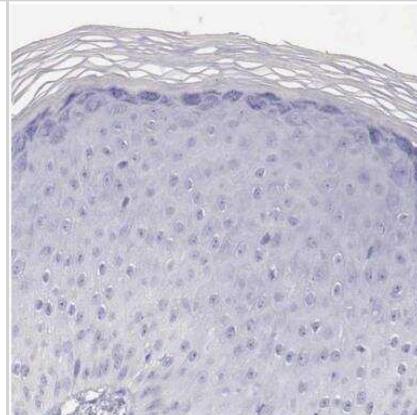
Immunohistochemistry-Paraffin: VAP-1/AOC3 Antibody [NBP1-89671] - Staining of human prostate shows moderate membranous positivity in smooth muscle cells.



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**

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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

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### **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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