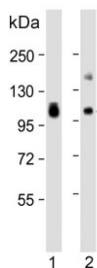


## VAP-1 Antibody / AOC3 (F54455)

Catalog No.	Formulation	Size
F54455-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54455-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

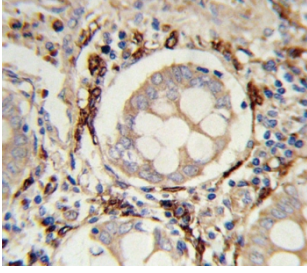
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q16853
<b>Applications</b>	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10 <sup>6</sup> cells) Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This VAP-1 antibody is available for research use only.



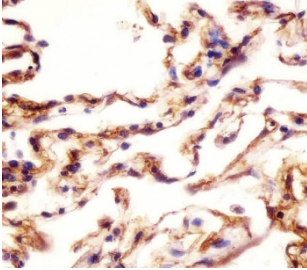
Western blot testing of human 1) lung and 2) liver lysate with VAP-1 antibody. Predicted molecular weight ~85 kDa but may be observed at higher molecular weights due to glycosylation.



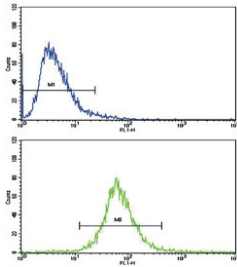
Western blot testing of human CCRF-CEM lysate with VAP-1 antibody. Predicted molecular weight ~85 kDa but may be observed at higher molecular weights due to glycosylation.



IHC testing of FFPE human colon carcinoma tissue with VAP-1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human lung tissue with VAP-1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human CCRF-CEM cells with VAP-1 antibody; Blue=isotype control, Green= VAP-1 antibody.

## Description

Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The product is a major protein on the adipocyte plasma membrane. It has adhesive properties and also has functional monoamine oxidase activity.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the VAP-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 613-640 from the human protein was used as the immunogen for the VAP-1 antibody.

## Storage

Aliquot the VAP-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

