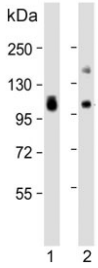
VAP-1 Antibody / AOC3 (F54455)

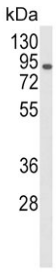
Catalog No.	Formulation	Size
F54455-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54455-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

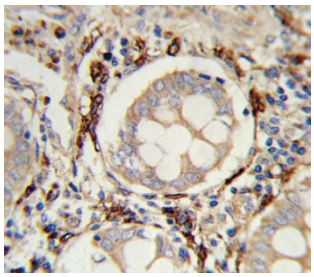
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q16853
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
Limitations	This VAP-1 antibody is available for research use only.



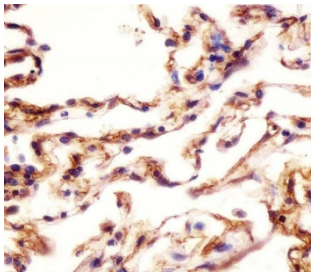
Western blot testing of human 1) lung and 2) liver lysate with VAP-1 antibody. Predicted molecular weight ~85 kDa but may be observed at higher molecular weights due to glycosylation.



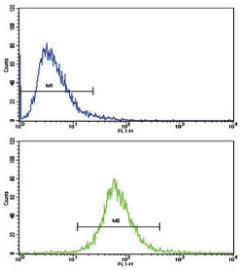
Western blot testing of human CCRF-CEM lysate with VAP-1 antibody. Predicted molecular weight ~85 kDa but may be observed at higher molecular weights due to glycosylation.



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.