



# Goat anti-Human VAP1 polyclonal antibody (DPABH-05151)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Cell adhesion protein that participates in lymphocyte recirculation by mediating the binding of lymphocytes to peripheral lymph node vascular endothelial cells in an L-selectin-independent fashion. Has a monoamine oxidase activity. May play a role in adipogenesis.
<b>Immunogen</b>	Synthetic peptide: DEDPSFYYSADSIY with a Cysteine residue linker, corresponding to internal sequence amino acids 712-724 of Human VAP1 (NP_003725.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	pH: 7.30; Constituents: 0.5% BSA, 99% Tris buffered saline
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">AOC3 amine oxidase, copper containing 4 [ Homo sapiens ]</a>
Official Symbol	AOC3
Synonyms	AOC3; amine oxidase, copper containing 3; HPAO; SSAO; VAP1; VAP-1; membrane primary amine oxidase; copper amine oxidase; placenta copper monamine oxidase; semicarbazide-sensitive amine oxidase; amine oxidase, copper containing 3 (vascular adhesion protein 1);
Entrez Gene ID	<a href="#">8639</a>
Protein Refseq	<a href="#">NP_001264660.1</a>
UniProt ID	<a href="#">Q16853</a>
Pathway	Glycine, serine and threonine metabolism; Phenylalanine metabolism; Tyrosine metabolism; beta-Alanine metabolism
Function	aliphatic-amine oxidase activity; aminoacetone:oxygen oxidoreductase(deaminating) activity; calcium ion binding; cation channel activity