

Product datasheet for **AP08978PU-N**

VAP1 (AOC3) (712-724) Goat Polyclonal Antibody

Product data:

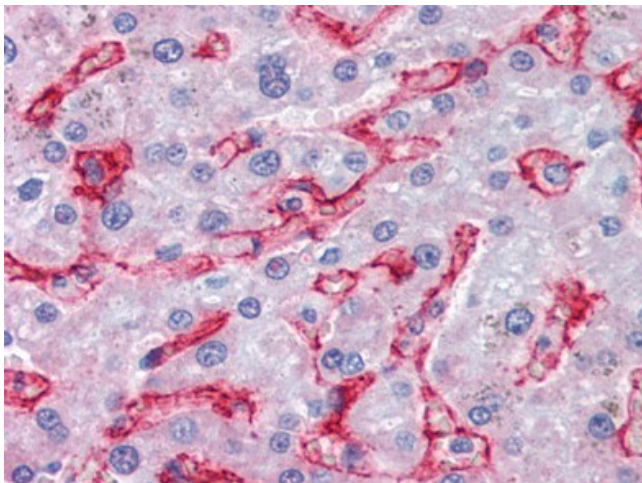
Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: 1/64000. Immunohistochemistry on Paraffin Sections: 3.75 µg/ml.
Reactivity:	Human, Mouse, Rat, Hamster
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from an internal region of human AOC3
Specificity:	This antibody reacts to Copper Amine Oxidase (AOC3) at aa 712-724.
Formulation:	Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	amine oxidase, copper containing 3
Database Link:	Entrez Gene 8639 Human Q16853
Background:	VAP1, upregulated in response to inflammation, is a 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. VAP1 also displays a monoamine oxidase activity, catalyzing the deamination of methylamine to produce formaldehyde. Upregulation of VAP1 has been reported in Alzheimer's disease, where increased levels of formaldehyde are responsible for b amyloid cross linkage and plaque formation, significantly contributing to the pathogenesis of this disease.



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Synonyms: HPAO

Product images:



Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)