

## Product datasheet for **TA305833**

### VAP1 (AOC3) Goat Polyclonal Antibody

#### Product data:

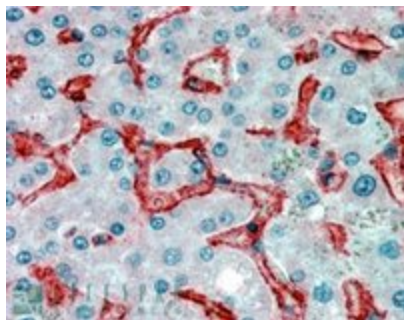
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 3-5ug/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-DEDPSFYSDSIY, from the internal region (near the C Terminus) of the protein sequence according to NP_003725.1.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	amine oxidase, copper containing 3
Database Link:	<a href="#">NP_003725</a> <a href="#">Entrez Gene 11754 Mouse</a> <a href="#">Entrez Gene 29473 Rat</a> <a href="#">Entrez Gene 8639 Human</a> <a href="#">Q16853</a>
Background:	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. A pseudogene for this gene has been described and is located approximately 9-kb downstream. [provided by RefSeq]
Synonyms:	HPAO; SSAO; VAP-1; VAP1
Protein Families:	Transmembrane



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**Protein Pathways:** beta-Alanine metabolism, Glycine, serine and threonine metabolism, Metabolic pathways, Phenylalanine metabolism, Tyrosine metabolism

**Product images:**



TA305833 (3.8ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.