

## VAP1 Polyclonal Antibody

Catalog number: 14365-1-AP

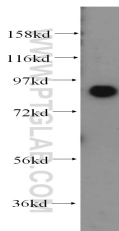
Size: 30 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

AOC3; AOC3, Copper amine oxidase, HPAO, Membrane primary amine oxidase, SSAO, VAP 1, VAP1, Vascular adhesion protein 1



human heart tissue were subjected to SDS PAGE followed by western blot with 14365-1-AP(AOC3 antibody) at dilution of 1:400

### Background

AOC3(membrane primary amine oxidase) is also name as copper amine oxidase, HPAO, SSAO, VAP1 and belongs to the copper/topaquinone oxidase family. It is expressed on the surface of endothelial cells and is involved in leukocyte trafficking between blood and tissues under physiologic and pathologic conditions (PMID:17947691). AOC3 is highly expressed in adipocytes and smooth muscle cells and it can be N- and O-glycosylated(PMID:16046623). This protein can exist as a homodimer(PMID:8625974).

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human; other species not tested.
Calculated VAP1 MW:	85kd
Observed VAP1 MW:	85 kDa
Positive WB detected in	Human heart tissue
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag5683
GenBank accession number:	BC050549
Gene ID (NCBI):	8639
Full name:	Amine oxidase, copper containing 3 (vascular adhesion protein 1)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.