

Datasheet for ABIN5668213

**Recombinant anti-AOC3 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µg
Target:	AOC3
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP)

## Product Details

Immunogen:	Affinity purified VAP-1 from tonsil stroma of human origin.
Clone:	TK8-14
Isotype:	IgG kappa
Specificity:	Recognises human Vascular Adhesion Protein-1 (VAP-1), a glycosylated homodimeric membrane protein consisting of two 90 kDa subunits connected by disulfide bonds. Epitope recognized by TK8-18 is present both in dimeric and monomeric forms of VAP-1. Elevated soluble VAP-1 serum- levels have been described in several inflammatory- diseases as well as colorectal cancer. TK8-14 is a function-blocking mAb.
Characteristics:	OriginalSpeciesName: Mouse OriginalFormat: IgG2a
Purification:	Purified antibody.

## Target Details

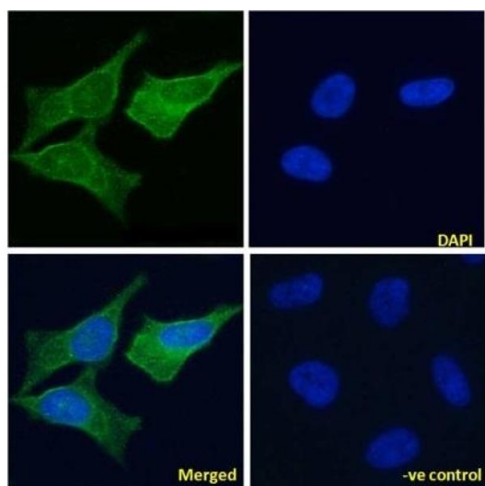
Target:	AOC3
Alternative Name:	VAP-1 ( <a href="#">AOC3 Products</a> )
Background:	Vascular adhesion protein 1, VAP1, Copper amine oxidase, HPAO, Membrane primary amine oxidase, Semicarbazide-sensitive, AOC3, Amine oxidase, copper containing 3, amine oxidase, amine oxidase, Vascular adhesion protein 1, SSAO, copper-containing amine:oxy
UniProt:	<a href="#">Q16853</a>
Pathways:	<a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2a format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

## Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



### Immunofluorescence

**Image 1.** Immunofluorescence staining of HeLa cells with anti-VAP-1 antibody TK8-14. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15 % Triton and stained with the chimeric rabbit version of TK8-14 (ABIN5668213) at 10 µg/mL for 1h followed by Alexa Fluor®488 secondary antibody (1 µg/mL), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN5668213, DAPI, merged channels and a negative control. The negative control was stained with unimmunized rabbit IgG followed by Alexa Fluor®488 secondary antibody