

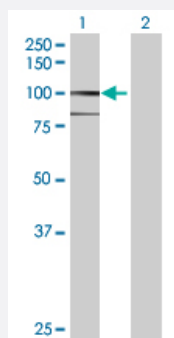
MaxPab®

AOC3 MaxPab mouse polyclonal antibody (B01)

Catalog # H00008639-B01

Size 50 uL

Applications

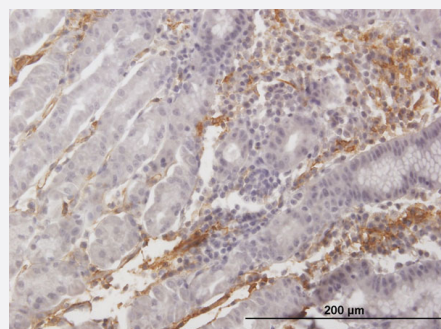


Western Blot (Transfected lysate)

Western Blot analysis of AOC3 expression in transfected 293T cell line ([H00008639-T01](#)) by AOC3 MaxPab polyclonal antibody.

Lane 1: AOC3 transfected lysate(83.93 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to AOC3 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AOC3 protein.

Immunogen

AOC3 (AAH50549.1, 1 a.a. ~ 763 a.a) full-length human protein.

Sequence	MNQKTILVLLILAVITIFALVCVLLVGRGGDGGEP SQLPHCPSPVSPSAQPWTHPGQSQLFADLSRE ELTAVMRFLTQRLGPGLVDAAQARPSDNCVFSVELQLPPKAAALHLDRGSPPPAREALAMFF GRQPQPNVSELVVGPLPHPSYMRDVTVERHGGPLPYHRRPVLFQEYLDIDQMIFNREL PQASGLL HHCCFYKHRGRNLVTMTTAPRGLQSGDRATWFGLYYNISGAGFFLHHVGLELLVNHKALD PARW TIQKV FYQGRYYDSLAQLEAQFEAGLVNVVLIPDNGTGGSWSLKSPVPPGPAPPLQFYPQGPRFS VQGSRVASSLWTF SFGLGAFSGPRIFDVRFQGERLVYEISLQEALAIYGGNSPAAMTTRYVDGGF GMGKYTTPLTRGVDCPYLATYVDWHFLLESQAPKTIRDAFCVFEQNQGLPLRRHSDLYSHYFGG LAETVLVVRSMSTLLNYDYVWDTVFHPSGAIEIRFYATGYISSAFLFGATGKYGNQVSEHTLGTVHT HSAHFKVDLDVAGLENWVWAEDMVFPMAVPWSPEHQLQRLQVTRKLLMEEQAAFLVGSAT PRYL YLASNHSNKWGHPRGYRIQMLS FAGEPLPQNSSMARGFSWERYQLAVTQRKEEEPSSSS VFNQNDPWAPTVD FSDFINNETIAGKDLVAWVTAGFLHIPHAEDIPNTVTVGNVG VFFLRPNFFD EDPSFY SADSIFYRGDQDAGACEVNPLACL PQAAACAPDLP AF SHGGF SHN
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of AOC3 expression in transfected 293T cell line ([H00008639-T01](#)) by AOC3 MaxPab polyclonal antibody.

Lane 1: AOC3 transfected lysate(83.93 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to AOC3 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Gene Info — AOC3

Entrez GeneID [8639](#)

GeneBank Accession#	NM_003734.2
Protein Accession#	AAH50549.1
Gene Name	AOC3
Gene Alias	HPAO, SSAO, VAP-1, VAP1
Gene Description	amine oxidase, copper containing 3 (vascular adhesion protein 1)
Omim ID	603735
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	amine oxidase, copper containing 3 copper amine oxidase semicarbazide-sensitive amine oxidase vascular adhesion protein 1

Publication Reference

- [VAP-1/SSAO plasma activity and brain expression in human hemorrhagic stroke.](#)

Hernandez-Guillamon M, Sole M, Delgado P, Garcia-Bonilla L, Giralto D, Boada C, Penalba A, Garcia S, Flores A, Ribo M, Alvarez-Sabin J, Ortega-Aznar A, Unzeta M, Montaner J.

Cerebrovascular Diseases 2011 Dec; 33(1):55.

Application: IHC-P, Human, Brain

Pathway

- [beta-Alanine metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Glycine](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)

- [Tropane](#)
- [Tyrosine metabolism](#)