

Product datasheet for **AP31593SU-S**

ABP1 (AOC1) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA (1/4000). Western blot (1/2000).
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Recombinant Human Diamine Oxidase (DAO).
Specificity:	Recognizes Diamine oxidase.
Formulation:	State: Serum State: Lyophilized Serum.
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	amine oxidase, copper containing 1
Database Link:	Entrez Gene 26 Human P19801
Background:	Diamine Oxidase belongs to the copper/topaquinone oxidase family. Catalyzes the degradation of compounds such as putrescine, histamine, spermine, and spermidine, substances involved in allergic and immune responses, cell proliferation, tissue differentiation, tumor formation, and possibly apoptosis. Placental DAO is thought to play a role in the regulation of the female reproductive function.
Synonyms:	Diamine oxidase, AOC1, DAO1, Amiloride-binding protein, Histaminase, Kidney amine oxidase
Protein Families:	Secreted Protein



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Protein Pathways: Arginine and proline metabolism, Histidine metabolism, Tryptophan metabolism