

## Product datasheet for **AP31592SU-S**

### ABP1 (AOC1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>ELISA</b> (1/4000). <b>Western blot</b> (1/2000).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant Human Diamine Oxidase (DAO).
Specificity:	Diamine oxidase = Amiloride-sensitive amine 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 and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	amine oxidase, copper containing 1
Database Link:	<a href="#">Entrez Gene 26 Human P19801</a>
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
Protein Pathways:	Arginine and proline metabolism, Histidine metabolism, Tryptophan metabolism



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