

Product datasheet for **AP02279SU-S**

D Amino Acid Oxidase (DAO) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot (1/5000).
Reactivity:	Porcine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Porcine Diaminooxidase
Specificity:	This antibody detects Porcine Diaminooxidase
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:	D-amino-acid oxidase
Database Link:	P14920
Background:	This gene encodes the peroxisomal enzyme D amino acid oxidase. The enzyme is a flavoprotein which uses flavin adenine dinucleotide (FAD) as its prosthetic group. Its substrates include a wide variety of D amino acids, but it is inactive on the naturally occurring L amino acids. Its biological function is not known; it has been suggested that it is involved in acid base balance in the kidney or it could act as a detoxifying agent which removes D-amino acids accumulated during aging, or it may be a fossil enzyme without a current function.
Synonyms:	DAO, DAMOX, DAAO, OXDA, DAO1



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