



## Rabbit Anti-ALDH16A1 antibody

SL7956R

<b>Product Name:</b>	ALDH16A1
<b>Chinese Name:</b>	乙醛脱氢酶16家庭A1抗体
<b>Alias:</b>	Aldehyde dehydrogenase 16 family, member A1; Aldehyde dehydrogenase family 16 member A1; MGC10204; A16A1_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	85kDa
<b>Cellular localization:</b>	Extracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ALDH16A1:531-600/802
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a member of the aldehyde dehydrogenase superfamily. The family members act on aldehyde substrates and use nicotinamide adenine dinucleotide phosphate (NADP) as a cofactor. This gene is conserved in chimpanzee, dog, cow, mouse, rat, and zebrafish. The protein encoded by this gene interacts with maspardin, a protein that when truncated is responsible for Mast syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Subunit:**

Interacts with SPG21.

**Similarity:**

Belongs to the aldehyde dehydrogenase family.

**SWISS:**

Q8IZ83

**Gene ID:**

126133

**Database links:**

[Entrez Gene: 126133](#)Human

[Entrez Gene: 69748](#)Mouse

[Entrez Gene: 361571](#)Rat

[Omim: 613358](#)Human

[SwissProt: Q8IZ83](#)Human

[SwissProt: Q57119](#)Mouse

[SwissProt: Q3T1L0](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.