

## Product datasheet

# Anti-ODZ3 antibody ab198923

[1 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-ODZ3 antibody
<b>Description</b>	Rabbit polyclonal to ODZ3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human ODZ3 (internal sequence). (NP_001073946). Database link: <a href="#">Q9P273</a>
<b>Positive control</b>	Human lung cancer and ovarian cancer tissues.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.3 Preservative: 0.05% Sodium azide Constituents: 49% PBS, 50% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab198923** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/300.

## Target

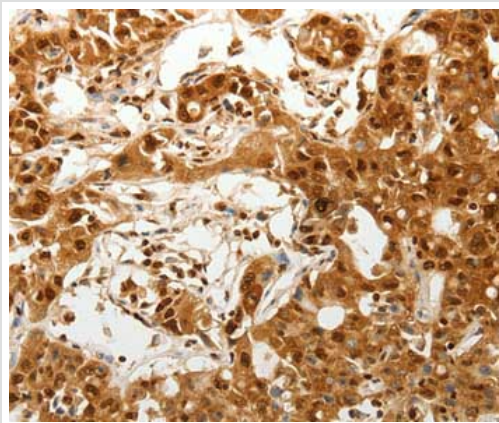
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<b>Function</b>	Involved in neural development, regulating the establishment of proper connectivity within the nervous system. Promotes axon guidance and homophilic cell adhesion. Plays a role in the development of the visual pathway; regulates the formation in ipsilateral retinal mapping to both the dorsal lateral geniculate nucleus (dLGN) and the superior colliculus (SC). May be involved in the differentiation of the fibroblast-like cells in the superficial layer of mandibular condylar cartilage into chondrocytes. May function as a cellular signal transducer.
<b>Tissue specificity</b>	Expressed in adult and fetal brain, slightly lower levels in testis and ovary, and intermediate levels in all other peripheral tissues examined. Not expressed in spleen or liver. Expression was high in brain, with highest levels in amygdala and caudate nucleus, followed by thalamus and subthalamic nucleus.
<b>Involvement in disease</b>	Microphthalmia, isolated, with coloboma, 9
<b>Sequence similarities</b>	Belongs to the tenascin family. Teneurin subfamily. Contains 8 EGF-like domains. Contains 5 NHL repeats. Contains 1 teneurin N-terminal domain. Contains 23 YD repeats.
<b>Domain</b>	EGF-like domains 2 and 5 which have an odd number of cysteines might enable the formation of intermolecular disulfide bonds. Cytoplasmic proline-rich regions could serve as docking domains for intracellular SH3-containing proteins.
<b>Cellular localization</b>	Membrane. Cell projection, axon.

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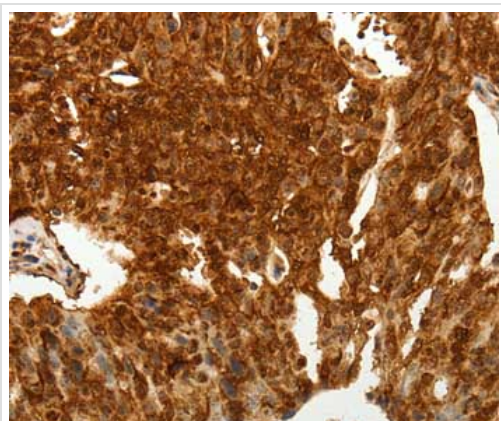
## Images

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Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue labeling ODZ3 with ab198923 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ODZ3 antibody (ab198923)



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue labeling ODZ3 with ab198923 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ODZ3 antibody (ab198923)

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