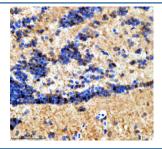


# Zebrafish Suz12 Antibody / Isoforms a & b (RZ1054)

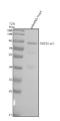
Catalog No.	Formulation	Size
RZ1054	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

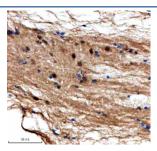
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6DC03, B0R1D5
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml Western Blot : 0.5-1ug/ml
Limitations	This Zebrafish Suz12 antibody is available for research use only.



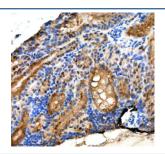
Immunohistochemical analysis of Suz12a/b protein using Zebrafish Suz12 antibody and paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot analysis of Suz12a/b protein using Zebrafish Suz12 antibody and zebrafish head tissue lysate. The predicted molecular weight of Suz12 is  $\sim$ 75 kDa (isoform a) and  $\sim$ 78 kDa (isoform b), commonly observed at 83-95 kDa.



Immunohistochemical analysis of Suz12a/b protein using Zebrafish Suz12 antibody and paraffin-embedded zebrafish spinal cord tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunohistochemical analysis of Suz12a/b protein using Zebrafish Suz12 antibody and paraffin-embedded zebrafish kidney tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

# **Description**

Predicted to enable chromatin DNA binding activity. Predicted to act upstream of or within chromatin organization. Predicted to be part of ESC/E(Z) complex and RSC-type complex. Predicted to be active in nucleus. Is expressed in gonad; midbrain bindbrain boundary; pharyngeal arch; and visual system. Human ortholog(s) of this gene implicated in renal Wilms' tumor. Orthologous to human SUZ12 (SUZ12 polycomb repressive complex 2 subunit).

## **Application Notes**

Optimal dilution of the Zebrafish Suz12 antibody should be determined by the researcher.

### **Immunogen**

An E.coli-derived zebrafish recombinant protein (amino acids K38-K448) was used as the immunogen for the Zebrafish Suz12 antibody. This antibody will detect the a and b isoforms.

#### **Storage**

After reconstitution, the Zebrafish Suz12 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.