

AP22531PU-N**Polyclonal Antibody to ZIC5 (651-663) - Aff - Purified****Alternate names:**

Zinc finger protein ZIC 5, Zinc finger protein of the cerebellum 5

Quantity:

50 µg

Concentration:

0.5 mg/ml

Background:

The ZIC5 gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. Members of this family are important during development, and have been associated X-linked visceral heterotaxy and holoprosencephaly type 5. This gene is closely linked to a gene encoding zinc finger protein of the cerebellum 2, a related family member on chromosome 13.

Uniprot ID:[Q96T25](#)**NCBI:**[NP_149123](#)**GeneID:**[85416](#)**Host:**

Goat

Immunogen:

Synthetic peptide from the C-terminus of human ZIC5

Genename: ZIC5**AA Sequence:**

C-EIYGNPEVVRTIH

Remarks: Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%); Hamster, Elephant, Rabbit (92%); Mouse, Rat, Dog (85%)**Format:****State:** Liquid Ig fraction**Purification:** Immunoaffinity chromatography**Buffer System:** Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% Sodium azide**Applications:****ELISA:** 1/128000.**Immunohistochemistry on Paraffin Sections:** 3.75 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects ZIC5 at aa 651-663.

Species Reactivity:**Expected from sequence similarity:** Human, Gorilla, Gibbon, Monkey, Marmoset, Hamster, Elephant, Rabbit, Mouse, Rat, Dog**Storage:**

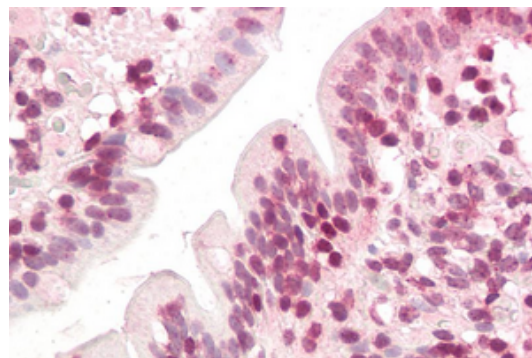
Upon receipt, store (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

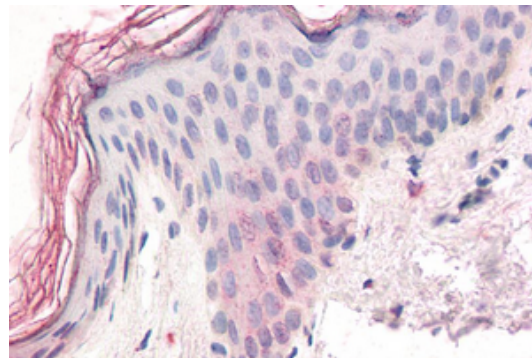
Shelf life: one year from despatch.

Pictures:

Immunohistochemistry staining of human small intestine (Formalin-fixed, Paraffin-embedded tissue after heat-induced antigen retrieval) using ZIC5 antibody Cat.-No. AP22531PU-N (concentration 75 µg/ml).



Immunohistochemistry staining of human skin (Formalin-fixed, Paraffin-embedded tissue after heat-induced antigen retrieval) using ZIC5 antibody Cat.-No. AP22531PU-N (concentration 75 µg/ml).



Immunohistochemistry staining of human prostate (Formalin-fixed, Paraffin-embedded tissue after heat-induced antigen retrieval) using ZIC5 antibody Cat.-No. AP22531PU-N (concentration 75 µg/ml).

