

Rabbit anti-Zebrafish Col6a2 Polyclonal Antibody | anti-Col6a2 antibody

Anti-Zebrafish Col6a2 Antibody

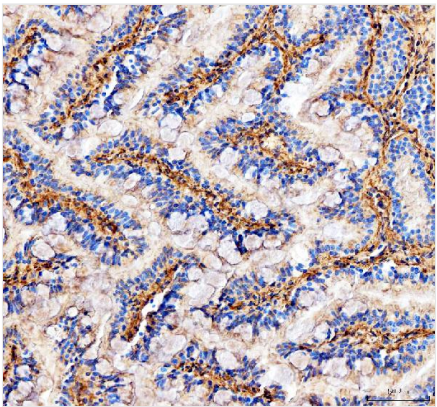
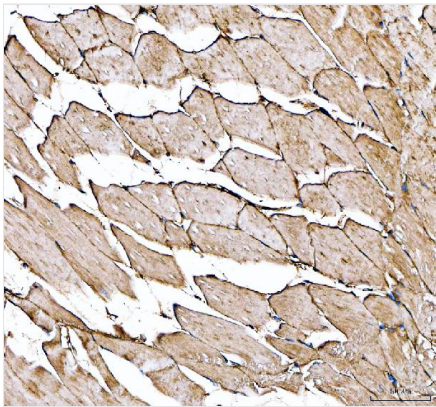
CATALOG # AAA127951	HOST Rabbit	REACTIVITY Zebrafish
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PRODUCT SYNONYMS

Col6a2; Polyclonal Antibody; Anti-Zebrafish Col6a2 Antibody; anti-Col6a2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Zebrafish
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Predominantly Expressed in adult forebrain. Expressed in fetal brain, lung and kidney.
Purity/Purification	Immunogen affinity purified.
Form/Format	Liquid. Each vial contains 20mM PBS, 50% glycerol, 0.02% NaN ₃ .
Concentration	500ug/ml (varies by lot)
Subcellular Localization	Secreted
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Protein Function	Thought to act as molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development involved in axonal navigation at the ventral midline of the neural tube and projection of axons to different regions (By similarity). SLIT1 and SLIT2 together seem to be essential for midline guidance in the forebrain by acting as repulsive signal preventing inappropriate midline crossing by axons projecting from the olfactory bulb.
Preparation and Storage	At -20 degree C for one year, at 4 degree C for one month. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Figure 2. IHC analysis of Col6a2 using anti-Col6a2 antibody (AAA127951).Col6a2 was detected in a paraffin-embedded section of Zebrafish skeletal muscle tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-Col6a2 Antibody (AAA127951) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

IHC (Immunohistochemistry)
Figure 1. IHC analysis of Col6a2 using anti-Col6a2 antibody (AAA127951).Col6a2 was detected in a paraffin-embedded section of Zebrafish colon tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-Col6a2 Antibody (AAA127951) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Col6a2 antibody	Primary Antibodies, Custom Antibodies; Axonal Guidance Proteins; Growth and Development; Neural Signal Transduction; Neurology Process; Neuroscience
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	E7FCV8
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/col6a2-antibody-elisa/127951>