ARG45846
anti-Zebrafish HSD17B14 antibody

Package: 200 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HSD17B14
Tested Reactivity	Zfsh
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HSD17B14
Species	Zebrafish
Conjugation	Un-conjugated
Alternate Names	HSD17B14; Hydroxysteroid 17-Beta Dehydrogenase 14; SDR47C1; RetSDR3; DHRS10; Short Chain Dehydrogenase/Reductase Family 47C Member 1; Retinal Short-Chain Dehydrogenase/Reductase RetSDR3; Dehydrogenase/Reductase (SDR Family) Member 10; Retinal Short-Chain Dehydrogenase/Reductase 3; 17-Beta-Hydroxysteroid Dehydrogenase DHRS10; Short Chain Dehydrogenase/Reductase Family 47C, Member 1; Dehydrogenase/Reductase SDR Family Member 10; Hydroxysteroid (17-Beta) Dehydrogenase 14; 17-Beta-Hydroxysteroid Dehydrogenase 14; Testicular Tissue Protein Li 52; L-Fucose Dehydrogenase; 17-Beta-HSD 14; EC 1.1.1.122; SDR3

Application Instructions

Application table

Application	Dilution
IHC-P	2-5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

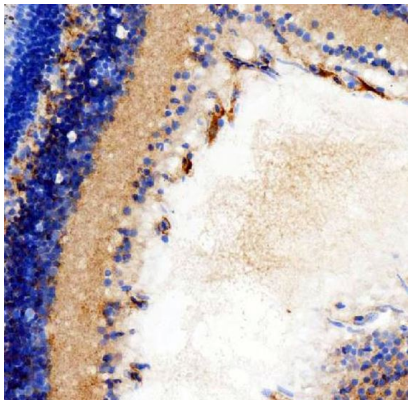
Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.02M PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% glycerol
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HSD17B14
Gene Full Name	Hydroxysteroid 17-Beta Dehydrogenase 14
Background	17-beta-hydroxysteroid dehydrogenases, such as HSD17B14, are primarily involved in metabolism of steroids at the C17 position and also of other substrates, such as fatty acids, prostaglandins, and xenobiotics (Lukacik et al., 2007 [PubMed 17067289]).[supplied by OMIM, Jun 2009]
Function	Catalyzes the NAD+-dependent oxidation of L-fucose, yielding L-fucono-1,5-lactone, which rapidly converts spontaneously to L-fucone-1,4-lactone. Can also act on D-arabinose and L-galactose, with lower catalytic efficiency. [UniProt]
Calculated Mw	28 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG45846 anti-Zebrafish HSD17B14 antibody IHC-P image

Immunohistochemistry: Zebrafish eys stained with ARG45846 anti-Zebrafish HSD17B14 antibody at 2 µg/ml dilution.