

ARG45845 anti-Zebrafish HGD antibody

Package: 200 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HGD
Tested Reactivity	Zfish
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HGD
Species	Zebrafish
Conjugation	Un-conjugated
Alternate Names	HGD; Homogentisate 1,2-Dioxygenase; HGO; Homogentisic Acid Oxidase; Homogentisate Oxygenase; Homogentisate Oxidase; Homogentisicase; EC 1.13.11.5 47; AKU; Homogentisate 1,2-Dioxygenase (Homogentisate Oxidase)

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.	

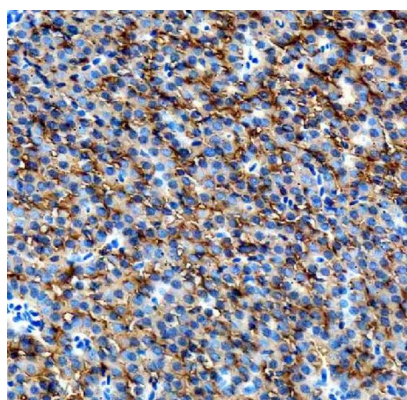
Properties

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	HGD
Gene Full Name	Homogentisate 1,2-Dioxygenase
Background	This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.[provided by RefSeq, May 2010]
Function	Catalyzes the conversion of homogentisate to maleylacetoacetate. [UniProt]
Calculated Mw	50 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytosol. [UniProt]

Images



ARG45845 anti-Zebrafish HGD antibody IHC-P image

Immunohistochemistry: Zebrafish liver stained with ARG45845 anti-Zebrafish HGD antibody at 2 µg/ml dilution.
