

Goat anti-Sox9a (zebrafish) Antibody

Item Number	dAP-1191
Target Molecule	Principle Name: Sox9a (zebrafish); Official Symbol: sox9a; All Names and Symbols: sox9a; SRY-box containing gene 9a ; fj17b12; jef; wu:fj17b12; zgc:111921; Jellyfish; Accession Number (s): NP_571718.1; Human Gene ID(s) : ; Non-Human GeneID(s):
Immunogen	KPQNGSPQSSQLTPLN, is from internal region This antibody is not expected to cross-react to Sox9b
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Not yet tested. At this stage we are dependent on researchers in the field for further characterization of this product. Therefore we cannot recommend an optimal concentration and the product is investigative grade. We would appreciate any
IHC	
Reference	Reference(s): Yan YL, Willoughby J, Liu D, Crump JG, Wilson C, Miller CT, Singer A, Kimmel C, Westerfield M, Postlethwait JH. A pair of Sox: distinct and overlapping functions of zebrafish sox9 co-orthologs in craniofacial and pectoral fin development. Development. 2005 Mar;132(5):1069-83. Epub 2005 Feb

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**