

## Goat anti-Six3b (zebrafish) Antibody

<b>Item Number</b>	dAP-1207
<b>Target Molecule</b>	Principle Name: Six3b (zebrafish); Official Symbol: six3b; All Names and Symbols: six3b; sine oculis homeobox homolog 3b ; SIX3; cb347; six3.2; six6; sine oculis homeobox homolog 6; Accession Number (s): NP_571438.1 ; Human Gene ID(s): ; Non-Human GeneID(s):
<b>Immunogen</b>	NRLQHHGLGQSSLR, is from internal region This antibody is not expected to cross-react with Six3a.
<b>Applications</b>	Pep ELISA Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ando H, Kobayashi M, Tsubokawa T, Uyemura K, Furuta T, Okamoto H. Lhx2 mediates the activity of Six3 in zebrafish forebrain growth. <i>Dev Biol.</i> 2005 Nov 15;287(2):456-68. Epub 2005 Oct 14.. PMID: 16226737 ->

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 end users! This product is sold for **Research Use Only**