

## Anti-Zebrafish HS2ST1a/b Antibody HRP Conjugated

Catalog Number: AZA1L1P8-HRP

### About HS2ST1a/b

Heparan sulfate 2-O-sulfotransferase 1 is an enzyme that in humans is encoded by the HS2ST1 gene. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. This gene encodes a member of the heparan sulfate biosynthetic enzyme family that transfers sulfate to the 2 position of the iduronic acid residue of heparan sulfate. The disruption of this gene resulted in no kidney formation in knockout embryonic mice, indicating that the absence of this enzyme may interfere with the signaling required for kidney formation. Two alternatively spliced transcript variants that encode different proteins have been found for this gene.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Zebrafish HS2ST1a/b Antibody HRP Conjugated                                    |
| Reactive Species     | Zebrafish   |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.    |
| Host                 | Rabbit  |
| Uniprot ID           | A1L1P8/F1QLG4   |

### Technical Details

|               |   |
|---------------|---|
| Immunogen     | E.coli-derived zebrafish HS2ST1a/b recombinant protein (Position: E68-N354) |
| Form          | Liquid  |
| Concentration | 0.5 mg/mL   |
| Purification  | Immunogen affinity purified.  |
| Conjugate     | HRP   |

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**Anti-Zebrafish HS2ST1a/b Antibody - HRP**

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