

## Datasheet for ABIN2780062 anti-ISL2 antibody (C-Term)



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### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ISL2   |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human, Mouse, Rat, Cow, Horse, Rabbit, Guinea Pig, Dog |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ISL2 antibody is un-conjugated                    |
| Application:         | Western Blotting (WB)                                  |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C terminal region of mouse ISL2                                      |
| Sequence:             | VIRVWFQNK R CKDKKKSILM KQLQQQHQSD KASFQGLTGT PLVAGSPIGH  |
| Predicted Reactivity: | Cow: 79%, Dog: 79%, Guinea Pig: 86%, Horse: 79%, Human: 86%, Mouse: 93%, Rabbit: 86%, Rat: 93%                                 |
| Characteristics:      | This is a rabbit polyclonal antibody against ISL2. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Protein A purified   |

### Target Details

|         |      |
|---------|------|
| Target: | ISL2 |
|---------|------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | ISL2 ( <a href="#">ISL2 Products</a> )  |
| Background:       | <p>Isl2 specifies RGC laterality by repressing an ipsilateral pathfinding program unique to VTC RGCs and involving Zic2 and EphB1. This genetic hierarchy controls binocular vision.</p> <p>Alias Symbols: 3110001N10Rik</p> <p>Protein Interaction Partner: Zfp446, Ssbp4, Ssbp3, Pygo1, Ssbp2, Lhx4, Ldb2, Ldb1,</p> <p>Protein Size: 359</p> |
| Molecular Weight: | 39 kDa  |
| Gene ID:          | 104360  |
| NCBI Accession:   | <a href="#">NM_027397</a> , <a href="#">NP_081673</a>   |
| UniProt:          | <a href="#">Q9CXV0</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 359 AA   |
| Restrictions:      | For Research Use only  |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | Lot specific  |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Publications

Product cited in: Surjit, Oberoi, Kumar, Lal: "Enhanced alpha1 microglobulin secretion from Hepatitis E virus ORF3-expressing human hepatoma cells is mediated by the tumor susceptibility gene 101." in: **The Journal of biological chemistry**, Vol. 281, Issue 12, pp. 8135-42, (2006) ([PubMed](#)).

Validation report #100057 for Western Blotting (WB)



Western Blotting

**Image 1.** WB Suggested Anti-ISL2 Antibody Titration: 5.0ug/ml ELISA Titer: 1:312500 Positive Control: SP2/0 cell lysate