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

1 Image

1 Publication



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:	VIRVWFQNKR CKDKKKSILM KQLQQQQHSD 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

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Target Details	
Alternative Name:	ISL2 (ISL2 Products)
Background:	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. Alias Symbols: 3110001N10Rik Protein Interaction Partner: Zfp446, Ssbp4, Ssbp3, Pygo1, Ssbp2, Lhx4, Ldb2, Ldb1, Protein Size: 359
Molecular Weight:	39 kDa
Gene ID:	104360
NCBI Accession:	NM_027397, NP_081673
UniProt:	Q9CXV0

Application Details

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

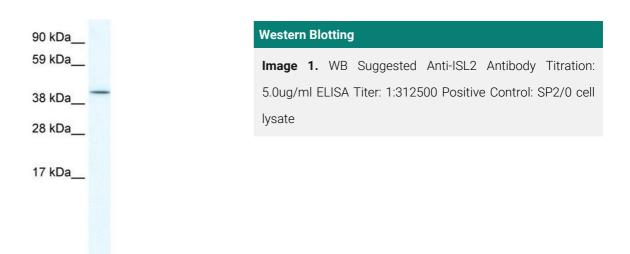
Handling

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.

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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)



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