



[Go to Product page](#)

Datasheet for ABIN2780139  
**anti-PROX2 antibody (N-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	PROX2
Binding Specificity:	N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PROX2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the n terminal region of mouse Prox2
Sequence:	MDPPAAVLLP PQSRTCTHLA EETCMDQERS PATAEAGRDS FPSGQLPSSS
Predicted Reactivity:	Mouse: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against Prox2. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	PROX2
Alternative Name:	Prox2 ( <a href="#">PROX2 Products</a> )
Background:	Prox2 is a transcription regulator. Prox2 does not seem to be essential for embryonic

## Target Details

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development and postnatal survival.

Alias Symbols: 1700058C01Rik

Protein Interaction Partner: GSK3B, GSK3A,

Protein Size: 593

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Molecular Weight: 66 kDa

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Gene ID: 73422

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NCBI Accession: [NM\\_175198](#), [NP\\_780407](#)

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UniProt: [Q8BII1](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 593 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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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.



### Western Blotting

**Image 1.** WB Suggested Anti-Prox2 Antibody Titration: 0.2-1 ug/ml Positive Control: Mouse Brain