

Datasheet for ABIN2783157

## anti-Homeotic Protein Proboscipedia antibody (Middle Region)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Homeotic Protein Proboscipedia (PB)
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Homeotic Protein Proboscipedia antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Sequence:	DLTERQVKVW FQNRRMKHKR QTLSTKDDDED NKDSLKGGDD QSDSNSNSKK
Predicted Reactivity:	Fruit fly:100%,
Characteristics:	This is a rabbit polyclonal antibody against pb. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	Homeotic Protein Proboscipedia (PB)
Alternative Name:	pb ( <a href="#">PB Products</a> )
Background:	Pb is a sequence-specific transcription factor which is part of a developmental regulatory

## Target Details

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system that provides cells with specific positional identities on the anterior-posterior axis. It controls development of mouthparts, and labial and maxillary palps.

Alias Symbols: Dmel\_CG31481, CG31481, PB, l(3)04498, pd, BG:DS01719.1, CG17880,

Dmel\CG31481, Dmpb, Pb

Protein Interaction Partner: skd, ey, H, MED17, Scr, lab, eyg, RasGAP1, d,

Protein Size: 777

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Molecular Weight: 83 kDa

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Gene ID: 40826

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NCBI Accession: [NM\\_206441](#), [NP\\_996163](#)

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UniProt: [P31264](#)

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## 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: 777 AA

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Restrictions: For Research Use only

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## 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.

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### Western Blotting

**Image 1.** WB Suggested Anti-pb Antibody Titration: 0.2-1 ug/ml Positive Control: Drosophila