

Datasheet for ABIN1846350  
**anti-Paired Box 3 antibody (AA 142-203)**



[Go to Product page](#)

4 Images

## Overview

Quantity:	100 µL
Target:	Paired Box 3 (PAX3)
Binding Specificity:	AA 142-203
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Paired Box 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Purified recombinant fragment of human PAX3 (AA: 142-203) expressed in E. coli.
Isotype:	IgG1
Purification:	Purified antibody

## Target Details

Target:	Paired Box 3 (PAX3)
Alternative Name:	PAX3 ( <a href="#">PAX3 Products</a> )
Background:	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar

## Target Details

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rhabdomyosarcoma. The translocation t (2,13) (q35,q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini.

Molecular Weight: 53 kDa

Gene ID: 5077

Pathways: [Sensory Perception of Sound, Tube Formation](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1.0 mg/mL

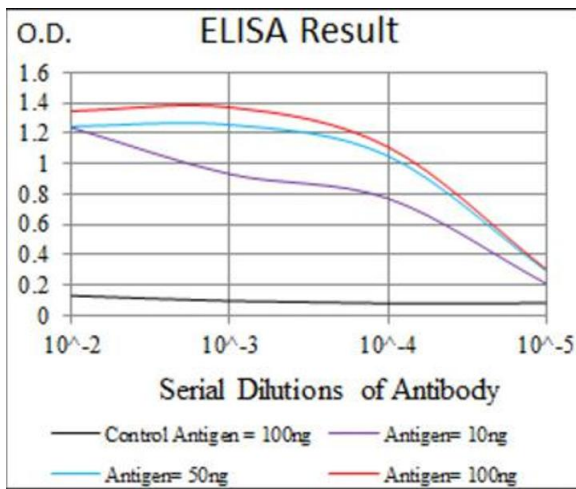
Buffer: PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.

Preservative: Sodium azide

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

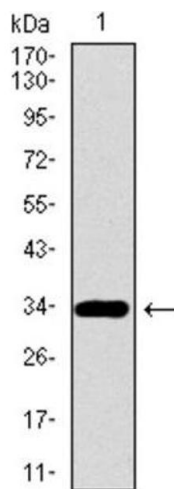
Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



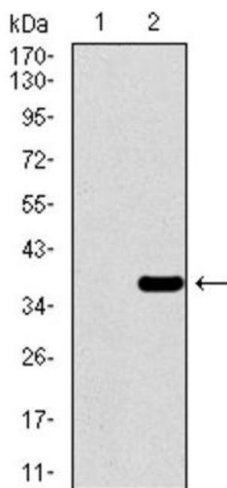
**ELISA**

**Image 1.** Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).



**Western Blotting**

**Image 2.**



**Western Blotting**

**Image 3.**

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1846350.