

Datasheet for ABIN931107
anti-Paired Box 3 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	Paired Box 3 (PAX3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Paired Box 3 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	PAX3 antibody was raised in mouse using recombinant Human Paired Box Gene 3 (Waardenburg Syndrome 1) (Pax3)
Clone:	6288D4a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	Paired Box 3 (PAX3)
Alternative Name:	PAX3 (PAX3 Products)

Target Details

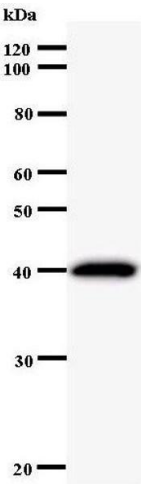
Background:	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar 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. Synonyms: Monoclonal PAX3 antibody, Anti-PAX3 antibody, Paired box 3 antibody, WS1 antibody, CDHS antibody, HUP2 antibody, MGC120381 antibody, MGC120382 antibody, MGC120383 antibody, MGC120384 antibody, MGC134778 antibody.
Pathways:	Sensory Perception of Sound , Tube Formation

Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	Lot specific
Buffer:	PAX3 antibody in PBS (3.0 mM KCl, 1.5 mM KH ₂ PO ₄ , 140 mM NaCl, 8.0 mM Na ₂ HPO ₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN ₃).
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. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.