antibodies

Datasheet for ABIN2728312 Paired Box 3 Protein (PAX3) (His tag)

Image

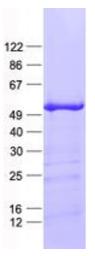


Overview

Quantity:50 µgTarget:Paired Box 3 (PAX3)Origin:HumanSource:Escherichia coli (E. coli)Protein Type:RecombinantPurification tag / Conjugate:This Paired Box 3 protein is labelled with His tag.Application:Antibody Production (AbP), Standard (STD)Product Details• Recombinant human PAX3 (N-term HIS tag, transcript variant PAX3D) protein expressed in E coli. • Produced with end-sequenced ORF clonePurity:> 80 % as determined by SDS-PAGE and Coomassie blue stainingTarget:Paired Box 3 (PAX3)Atternative Name:Pax3 (PAX3) Products)Background:This gene is a member of the paired box (PAX) family of transcript of 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		
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Target Details	
	rhabdomyosarcoma. The translocation t(213)(q35q14), 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:	53.3 kDa
NCBI Accession:	NP_852123
Pathways:	Sensory Perception of Sound, Tube Formation
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl. Store at -80C. Avoid repeated
	freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage
	and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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