

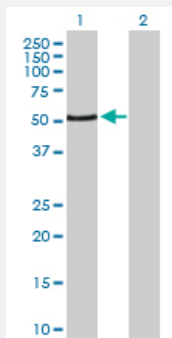
MaxPab®

PAX3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005077-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PAX3 expression in transfected 293T cell line ([H00005077-T02](#)) by PAX3 MaxPab polyclonal antibody.

Lane 1: PAX3 transfected lysate(53.50 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PAX3 protein.
Immunogen	PAX3 (NP_852123.1, 1 a.a. ~ 484 a.a) full-length human protein.
Sequence	MTTLGAVPRMMRPGPGQNYPRSGFPLEVSTPLGQGRVNQLGGVFINGRPLPNHIRHKIVEMAAHH GIRPCVISRQLRVSHGCVSKILCRYQETGSIRPGAIGGSKPKQVTTDPVEKKIEEYKRENP GMFSW EIRDKLLKDAVCDRNTVPSVSSISRLRSKFGKGEEEEADLERKEAEESEKKAKHSIDGILSERAS APQSDEGSDIDSEPDLP LKRKQRRSRTFTAEQLEELERAFERTHYPDYTREELAQRAKLTEARV QVWFSNRRARWRKQAGANQLMAFNHLIPGGFPPTAMPTLPTYQLSETSYQPTSIPQAVSDPSST VHRPQLPPSTVHQSTIPSNPDSSSAYCLPSTRHGFSSYTDSFVPPSGPSNPMNPTIGNGLSPQV MGLLTNHGGVPHQPQTDYALSPLTGGLEPTTTVSASCSQRLDHMKSLDSLPTSQSYCPPTYSTTG YSMDPVTGYQYGQYQGS AFHYLKPDIA
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PAX3

Entrez GeneID

[5077](#)

GeneBank Accession#

[NM_181458.1](#)

Protein Accession#

[NP_852123.1](#)

Gene Name

PAX3

Gene Alias

CDHS, HUP2, MGC120381, MGC120382, MGC120383, MGC120384, MGC134778, WS1

Gene Description

paired box 3

Omim ID

[122880](#) [148820](#) [193500](#) [268220](#) [606597](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

paired box homeotic gene 3|paired domain gene 3|paired domain gene HuP2

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Retinal Diseases](#)
- [Skin Neoplasms](#)
- [Spinal Dysraphism](#)
- [Waardenburg syndrome](#)