

DNAxPAb

Hard-to-Find  
Antibody

# ACTL7B DNAxPab

Catalog # H00010880-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACTL7B DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MATRNSPMPLGTAQGDPGEAGTRPGPDASLRDTGAATQLKMKPRKVHKIKAVIIDLGSQYCKCGY AGEPRPTYFISSTVGKRCPEAADAGDTRKWTLVGHELLNTEAPLKLVNPLKHGMVDWDCVQDM EYIFRTAMKILPEEHAVLVSDPPLSPSSNREKYAELMFETFGIPAMHVTSQSLLSIYSYGKTSGLVV ESGHGVSHVVPISGDVLPGLTSRADYAGGDLTNYLMQLLNEAGHAFTDDHLHIIIEHIKKKCCYAA FLPEEELGLVPEELRVDYELPDGKLITIGQERFRCSEMLFQPSLAGSTQPGLPeltaACLGRCQD TGfKEEMAANVLLCGGCTMLDGFPERFQRELSLLCPGDSPAVAAAPERKTSVWTGGSILASLQA FQQLWVSKEEFEERGsvaYskc
Host	Rabbit
Reactivity	Human
Purification	Protein A
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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — ACTL7B

Entrez GeneID [10880](#)

GeneBank Accession# [NM\\_006686.2](#)

Protein Accession# [NP\\_006677.1](#)

Gene Name ACTL7B

Gene Alias -

Gene Description actin-like 7B

Omim ID [604304](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene is a member of a family of actin-related proteins (ARPs) which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. This gene (ACTL7B), and related gene, ACTL7A, are intronless, and are located approximately 4 kb apart in a head-to-head orientation within the familial dysautonomia candidate region on 9q31. Based on mutational analysis of the ACTL7B gene in patients with this disorder, it was concluded that it is unlikely to be involved in the pathogenesis of dysautonomia. Unlike ACTL7A, the ACTL7B gene is expressed predominantly in the testis, however, its exact function is not known. [provided by RefSeq]

**Other Designations** OTTHUMP00000021867|actin-like 7-beta