



## Mouse ACTL7B blocking peptide (CDBP0304)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-Actin-like 7B (mouse) antibody
<b>Antigen Description</b>	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, Jul 2008]
<b>Species</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">Actl7b actin-like 7b [ Mus musculus (house mouse) ]</a>
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<b>Official Symbol</b>	ACTL7B
<b>Synonyms</b>	ACTL7B; actin-like 7b; Tact1; actin-like protein 7B; T-actin-1; t-actin 1; actin-like-7-beta; testis-specific actin-1;
<b>Entrez Gene ID</b>	<a href="#">11471</a>
<b>mRNA Refseq</b>	<a href="#">NM_025271.2</a>
<b>Protein Refseq</b>	<a href="#">NP_079547.2</a>
<b>UniProt ID</b>	Q9QY83
<b>Chromosome Location</b>	4 B3; 4 27.0 cM

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