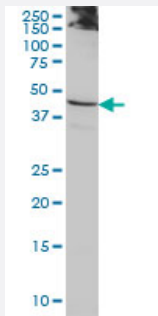


ACTL7B monoclonal antibody (M01), clone 6A4

Catalog # H00010880-M01

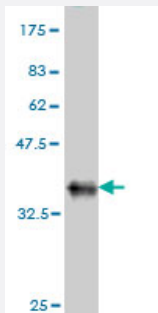
Size 100 ug

Applications



Western Blot (Cell lysate)

ACTL7B monoclonal antibody (M01), clone 6A4 Western Blot analysis of ACTL7B expression in HeLa (Cat # L013V1).



Western Blot detection against Immunogen (35.86 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ACTL7B.

Immunogen

ACTL7B (NP_006677, 286 a.a. ~ 377 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GKLITIGQERFRCSEMLFQPSLAGSTQPGLPELTAACLGRQCQTGFKEEMAANVLLCGGCTMLD
GFPERFQRELSLLCPGDSPAVAAAPERK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (85); Rat (87)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.86 KDa) .
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 (Cell lysate)

ACTL7B monoclonal antibody (M01), clone 6A4 Western Blot analysis of ACTL7B expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ACTL7B

Entrez GeneID	10880
GeneBank Accession#	NM_006686
Protein Accession#	NP_006677
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