

ZFP106 Polyclonal Antibody

Catalog # AP73124

Product Information

Application	WB, E
Primary Accession	Q9H2Y7
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	208883

Additional Information

Gene ID	64397
Other Names	ZFP106; SH3BP3; ZNF474; Zinc finger protein 106 homolog; Zfp-106; Zinc finger protein 474
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

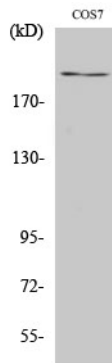
Protein Information

Name	ZNF106
Synonyms	SH3BP3, ZFP106, ZNF474
Function	RNA-binding protein. Specifically binds to 5'-GGGGCC-3' sequence repeats in RNA. Essential for maintenance of peripheral motor neuron and skeletal muscle function. Required for normal expression and/or alternative splicing of a number of genes in spinal cord and skeletal muscle, including the neurite outgrowth inhibitor RTN4. Also contributes to normal mitochondrial respiratory function in motor neurons, via an unknown mechanism.
Cellular Location	Nucleus, nucleolus {ECO:0000250 UniProtKB:O88466}. Nucleus speckle {ECO:0000250 UniProtKB:O88466}. Note=Colocalizes with RBM39 in nuclear speckles. Inhibition of RNA synthesis, or overexpression of KNOP1, induces translocation from nuclear speckles to the nucleolus {ECO:0000250 UniProtKB:O88466}

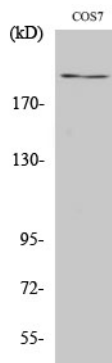
Background

RNA-binding protein. Specifically binds to 5'-GGGGCC-3' sequence repeats in RNA. Essential for maintenance of peripheral motor neuron and skeletal muscle function. Required for normal expression and/or alternative splicing of a number of genes in spinal cord and skeletal muscle, including the neurite outgrowth inhibitor RTN4. Also contributes to normal mitochondrial respiratory function in motor neurons, via an unknown mechanism.

Images



Western Blot analysis of various cells using ZFP106 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of COS7 cells using ZFP106 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.