

For Research Use Only

ZFHx4 Polyclonal antibody

Catalog Number: 31404-1-AP



Basic Information

Catalog Number: 31404-1-AP	GenBank Accession Number: NM_024721	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 79776	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q86UP3	
Isotype: IgG	Full Name: zinc finger homeobox 4	
Immunogen Catalog Number: AG35027	Calculated MW: 394 kDa	
	Observed MW: 420 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, U-251 cells
Species Specificity: human	

Background Information

The ZFHx4 protein (Zinc Finger Homeobox Protein 4) belongs to the zinc finger transcription factor family. Its structure contains multiple zinc finger motifs and a homeobox domain. It mainly regulates the expression of specific genes by binding to DNA. This protein plays a crucial role in the development and differentiation of the nervous system, participating in the precise regulation of neuronal gene expression. In the adult stage, it is also related to muscle regeneration and the regulation of tumor occurrence (such as glioblastoma and melanoma), and may act as a transcriptional repressor to influence the balance of cell proliferation and differentiation.

Storage

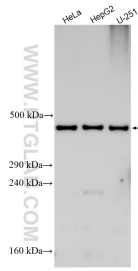
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31404-1-AP (ZFHX4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.