



Anti-ZFH3 (aa 2811-2910) polyclonal antibody (DPAB-DC1981)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a transcription factor with multiple homeodomains and zinc finger motifs, and regulates myogenic and neuronal differentiation. The encoded protein suppresses expression of the alpha-fetoprotein gene by binding to an AT-rich enhancer motif. The protein has also been shown to negatively regulate c-Myb, and transactivate the cell cycle inhibitor cyclin-dependent kinase inhibitor 1A (also known as p21CIP1). This gene is reported to function as a tumor suppressor in several cancers, and sequence variants of this gene are also associated with atrial fibrillation. Multiple transcript variants expressed from alternate promoters and encoding different isoforms have been found for this gene.
Immunogen	ZFH3 (NP_008816, 2811 a.a. ~ 2910 a.a) partial recombinant protein with GST tag. The sequence is EDFESPSMSSSVNLNFDQTKLDNDDCSSVNTAITDTTGTGDEGNADNDSATGIATETKSSSA PNEGLTKAAMMAMSEYEDRLSSGLVSPAPSFYSKEYDNEG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ZFHX3 zinc finger homeobox 3 [Homo sapiens (human)]
Official Symbol	ZFHX3
Synonyms	ZFHX3; zinc finger homeobox 3; ATBT; ATBF1; ZNF927; zinc finger homeobox protein 3; ZFH-3; AT motif-binding factor 1; AT-binding transcription factor 1; zinc finger homeodomain protein 3; alpha-fetoprotein enhancer binding protein; alpha-fetoprotein enhancer-binding protein;
Entrez Gene ID	463
Protein Refseq	NP_001158238
UniProt ID	Q15911
Chromosome Location	16q22.3
Function	RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; enzyme binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity