Datasheet for ABIN7176590

anti-DPF1 antibody (AA 261-380)

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1 Image

Overview

Quantity:	100 µL
Target:	DPF1
Binding Specificity:	AA 261-380
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPF1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Zinc finger protein neuro-d4 protein (261-380AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	DPF1
Alternative Name:	DPF1 (DPF1 Products)
Background:	Background: May have an important role in developing neurons by participating in regulation of cell survival, possibly as a neurospecific transcription factor. Belongs to the neuron-specific

Target Details

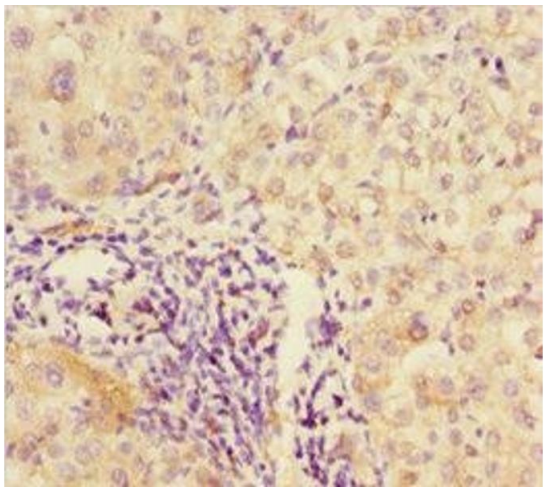
	chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth (By similarity). Aliases: BAF45B antibody, BRG1-associated factor 45B antibody, D4 antibody, D4 zinc and double PHD fingers family 1 antibody, DPF1 antibody, DPF1_HUMAN antibody, NEUD4 antibody, Neuro d4 homolog antibody, Zinc and double PHD fingers family 1 antibody, Zinc finger protein neuro-d4 antibody
UniProt:	Q92782

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7176590 at dilution of 1:100

