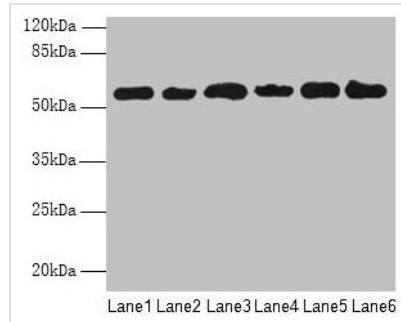




PHF10 Antibody

Product Code	CSB-PA017898LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8WUB8
Immunogen	Recombinant Human PHD finger protein 10 protein (151-360AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	Involved in transcription activity regulation by chromatin remodeling. Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and is required for the proliferation of neural progenitors. 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).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	PHD finger protein 10 (BRG1-associated factor 45a) (BAF45a) (XAP135), PHF10, BAF45A
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	PHF10
Image	



Western blot

All lanes: PHF10 antibody at 8 μ g/ml

Lane 1: Hela whole cell lysate

Lane 2: 293T whole cell lysate

Lane 3: A2780 whole cell lysate

Lane 4: U251 whole cell lysate

Lane 5: A549 whole cell lysate

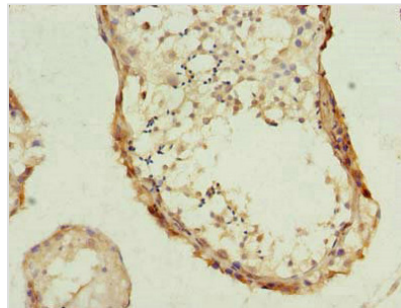
Lane 6: A375 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 57, 56, 52 kDa

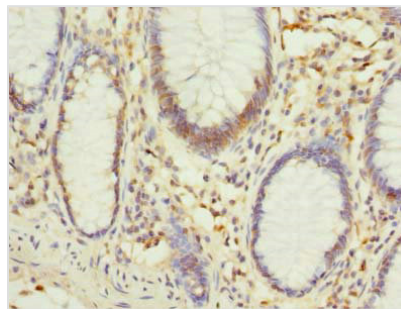
Observed band size: 57 kDa



Immunohistochemistry of paraffin-embedded

human testis tissue using CSB-

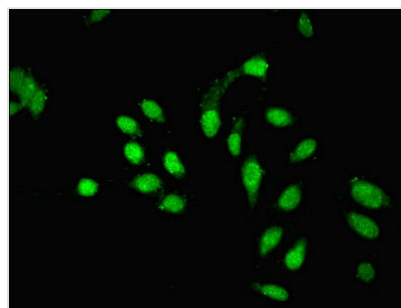
PA017898LA01HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded

human colon cancer using CSB-

PA017898LA01HU at dilution of 1:100



Immunofluorescent analysis of Hela cells using

CSB-PA017898LA01HU at dilution of 1:100 and

Alexa Fluor 488-conjugated AffiniPure Goat

Anti-Rabbit IgG(H+L)