

Rabbit anti-Human PHF10 Polyclonal Antibody | anti-PHF10 antibody

PHF10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230208	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

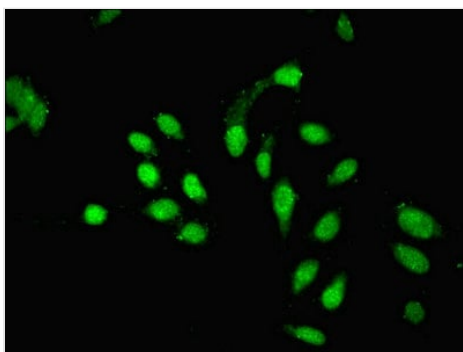
PRODUCT SYNONYMS

PHF10; Polyclonal Antibody; PHF10 Antibody; PHD finger protein 10; BAF45A; BRG1-associated factor 45a; BAF45a; XAP135; anti-PHF10 antibody

PRODUCT SPECIFICATIONS

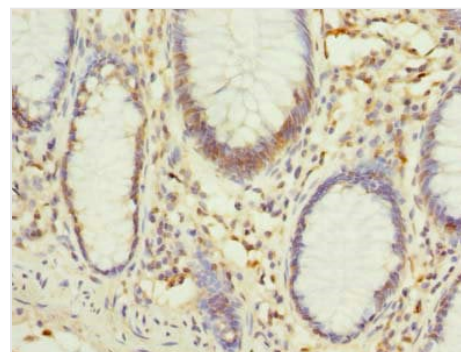
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	498
Applicable Applications for anti-PHF10 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human PHD finger protein 10 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-107936
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



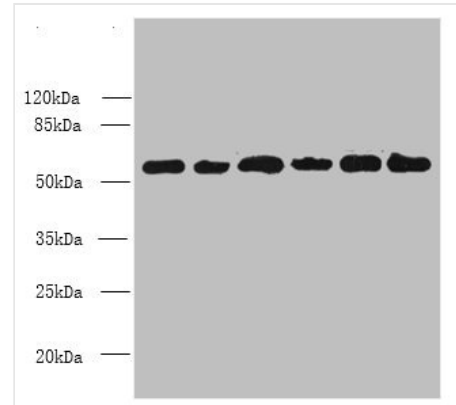
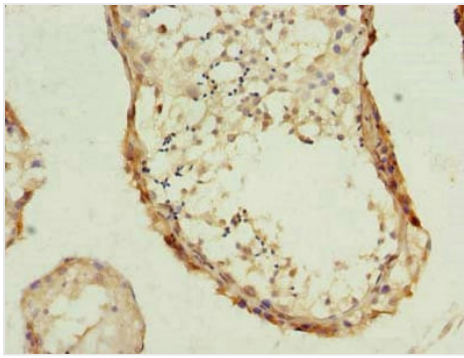
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA230208 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA230208 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA230208 at dilution of 1:100

WB (Western Blot)

Western blotAll lanes: PHF10 antibody at 8ug/mlLane 1: Hela whole cell lysateLane 2: 293T whole cell lysateLane 3: A2780 whole cell lysateLane 4: U251 whole cell lysateLane 5: A549 whole cell lysateLane 6: A375 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 57,56,52 kDaObserved band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PHF10 antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328734
NCBI GeneID	55274
NCBI Accession #	NP_060758.2
NCBI GenBank Nucleotide #	NM_018288.3
UniProt Accession #	Q8WUB8; Q2YDA3; Q53HG8; Q9BXD2; Q9NV26
Molecular Weight	51,290 Da
NCBI Official Full Name	PHD finger protein 10 isoform a
NCBI Official Synonym Full Names	PHD finger protein 10
NCBI Official Symbol	PHF10
NCBI Official Synonym Symbols	BAF45A; XAP135
NCBI Protein Information	PHD finger protein 10
UniProt Protein Name	PHD finger protein 10
UniProt Gene Name	PHF10
UniProt Synonym Gene Names	BAF45A; BAF45a
UniProt Entry Name	PHF10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/phf10-antibody-immunohistochemistry-western-blot-elisa/230208>