10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FUBP1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14126c

Product Information

Application	IHC-P, WB, E
Primary Accession	Q96AE4
Other Accession	Q32PX7, Q91WJ8, NP_003893.2
Reactivity	Human, Rat, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	67560
Antigen Region	240-268

Additional Information

Gene ID	8880
Other Names	Far upstream element-binding protein 1, FBP, FUSE-binding protein 1, DNA helicase V, hDH V, FUBP1
Target/Specificity	This FUBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 240-268 amino acids from the Central region of human FUBP1.
Dilution	IHC-P~~1~1000 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FUBP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FUBP1
Function	Regulates MYC expression by binding to a single-stranded far- upstream element (FUSE) upstream of the MYC promoter. May act both as activator and repressor of transcription.

Cellular Location Nucleus.

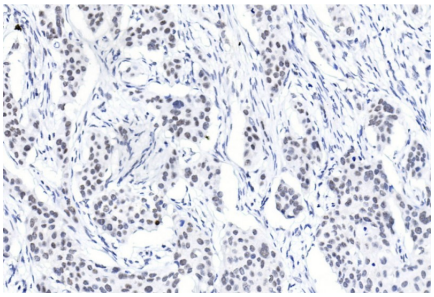
Background

This gene encodes a ssDNA binding protein that activates the far upstream element (FUSE) of c-myc and stimulates expression of c-myc in undifferentiated cells. Regulation of FUSE by FUBP occurs through single-strand binding of FUBP to the non-coding strand. This protein has been shown to function as an ATP-dependent DNA helicase.

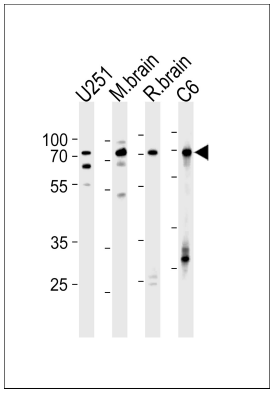
References

Hsiao, H.H., et al. Biochemistry 49(22):4620-4634(2010)
Rabenhorst, U., et al. Hepatology 50(4):1121-1129(2009)
Malz, M., et al. Hepatology 50(4):1130-1139(2009)
Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009)
Jang, M., et al. Oncogene 28(12):1529-1536(2009)

Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer section using Pink1(Cat#AP14126c). AP14126c was diluted at 1~1000 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



FUBP1 Antibody (Center) (Cat. #AP14126c) western blot analysis in U251,rat C6 cell line,mouse brain,rat brain tissue lysates (35ug/lane).This demonstrates the FUBP1 antibody detected the FUBP1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.