

ZNF410 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19435b**Specification**

ZNF410 Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	Q86VK4
Other Accession	NP_067011.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52113
Antigen Region	448-477

ZNF410 Antibody(C-term) - Additional Information**Gene ID** 57862**Other Names**

Zinc finger protein 410, Another partner for ARF 1, Zinc finger protein APA-1, ZNF410, APA1

Target/Specificity

This ZNF410 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 448-477 amino acids from the C-terminal region of human ZNF410.

Dilution

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

ZNF410 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF410 Antibody(C-term) - Protein Information**Name** ZNF410 {ECO:0000303|PubMed:33301730, ECO:0000312|HGNC:HGNC:20144}**Function** Transcription factor that binds to the sequence motif 5'- CATCCATAATA-3', and is

specifically required to silence expression of fetal hemoglobin in adult erythroid cells (PubMed:[33301730](#), PubMed:[33859416](#)). Prevents expression of fetal hemoglobin genes HBG1 and HBG2 through CHD4: acts as a direct transcriptional activator of CHD4, a central component of the NuRD complex that represses transcription of fetal hemoglobin genes HBG1 and HBG2 in erythroid cells (PubMed:[33301730](#), PubMed:[33859416](#)). May also activate transcription of matrix-remodeling genes such as MMP1 during fibroblast senescence (PubMed:[12370286](#)). May activate transcription of the gap junction gene GJC1, perhaps in response to increasing glucose (PubMed:[30078215](#)). However, recent studies suggest that ZNF410 is dedicated to regulate expression of a single gene: CHD4 (PubMed:[33301730](#), PubMed:[33859416](#)).

Cellular Location

Nucleus. Chromosome. Note=Directly binds to the sequence motif 5'-CATCCCATAATA-3'.

Tissue Location

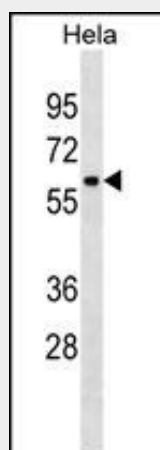
Widely expressed..

ZNF410 Antibody(C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZNF410 Antibody(C-term) - Images



ZNF410 Antibody (C-term)(Cat. #AP19435b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the ZNF410 antibody detected the ZNF410 protein (arrow).

ZNF410 Antibody(C-term) - Background

Transcription factor that activates transcription of matrix-remodeling genes such as MMP1 during fibroblast senescence.

ZNF410 Antibody(C-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Hubner, R.A., et al. Int. J. Cancer 123(3):586-593(2008)
Benanti, J.A., et al. Mol. Cell. Biol. 22(21):7385-7397(2002)