

For Research Use Only

# ZNF410 Polyclonal antibody

Catalog Number: 14529-1-AP

Featured Product

7 Publications



## Basic Information

**Catalog Number:**

14529-1-AP

**Size:**

150ul, Concentration: 300 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6028

**GenBank Accession Number:**

BC050683

**GeneID (NCBI):**

57862

**UNIPROT ID:**

Q86VK4

**Full Name:**

zinc finger protein 410

**Calculated MW:**

52 kDa

**Observed MW:**

52-67 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB, ChIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Positive Controls:**

WB : HEK-293 cells, MCF-7 cells, mouse brain tissue, HeLa cells, U2OS cells

## Background Information

ZNF410 (Zinc Finger Protein 410) is a transcription factor involved in the regulation of gene expression, particularly in the context of fetal hemoglobin (HbF) repression and chromatin remodeling. This protein is highly conserved among mammals and plays a crucial role in erythroid cells. The study found that ZNF410 uniquely silences HbF by activating its sole target gene, CHD4, a known HbF repressor in erythroid cells. (PMID: 40158221)

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhao Chen	36410585	Free Radic Biol Med	WB
Boya Liu	35526095	Mol Ther	WB
Xixi Tao	35781818	EMBO J	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

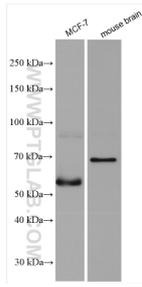
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

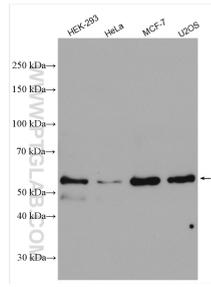
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14529-1-AP (ZNF410 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14529-1-AP (ZNF410 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.