

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

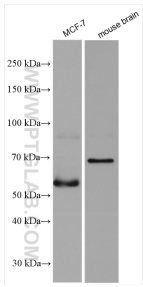
For technical support and original validation data for this product please contact:

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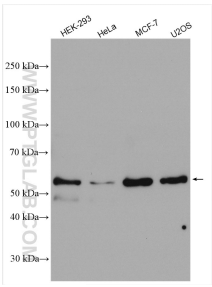
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# Selected Validation Data



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.