

For Research Use Only

# ZNF410 Polyclonal antibody, PBS Only

Catalog Number: 14529-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

14529-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## 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)

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

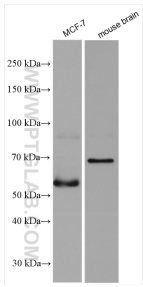
For technical support and original validation data for this product please contact:

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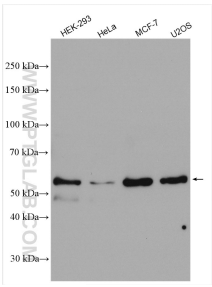
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## Selected Validation Data



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. This data was developed using the same antibody clone with 14529-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 14529-1-PBS in a different storage buffer formulation.