

## ZFP42 Antibody

Catalog No: #37359

Package Size: #37359-1 50ul #37359-2 100ul

Orders: order@signalwayantibody.com

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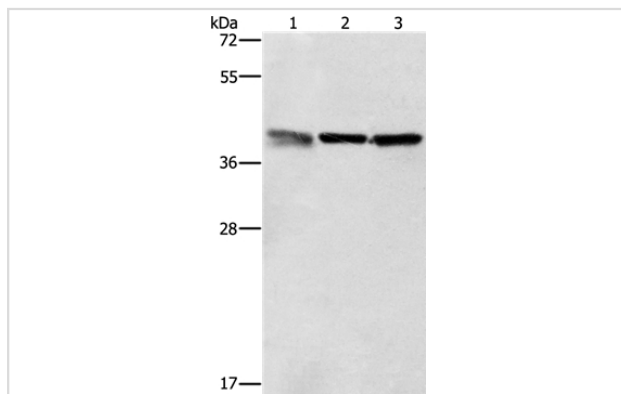
## Description

Product Name	ZFP42 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZFP42 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human ZFP42 zinc finger protein
Target Name	ZFP42
Other Names	REX1; ZNF754
Accession No.	Swiss-Prot#: Q96MM3NCBI Gene ID: 132625Gene Accssion: NP_777560
SDS-PAGE MW	35kd
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

## Images



Gel: 12%SDS-PAGE  
 Lysates (from left to right): A549, K562 and PC3 cell  
 Amount of lysate: 40ug per lane  
 Primary antibody: 1/500 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 30 seconds

## Background

Rex-1 (for reduced expression), also designated zinc finger protein 42 (ZFP42), is an acidic zinc finger protein. Rex-1 contains four repeats of the zinc finger nucleic acid-binding motif and a potential acidic activator domain, suggesting that it is a regulatory protein. Rex-1 localizes to the nucleus and is highly expressed in embryonic stem (ES) and undifferentiated murine F9 teratocarcinoma cells. At the transcriptional level, expression of Rex-1 is

reduced when F9 cells are induced to differentiate by the addition of retinoic acid (RA), and Rex-1 repression is enhanced by E1A. The Oct-3/4 transcription factor can either activate or repress the Rex-1 promoter, depending on the cellular environment, while Oct-6 can lower the expression of Rex-1.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.