



Rabbit Anti-Zinc finger protein 754 antibody

SL6347R

Product Name:	Zinc finger protein 754
Chinese Name:	Zinc finger protein754抗体
Alias:	hREX-1; Reduced Expression 1 Protein; Reduced expression protein 1; Rex-1; REX1; Zfp-42; Zfp42; ZFP42_HUMAN; Zinc finger protein 42 homolog; Zinc finger protein 754; ZNF754.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35 kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Rex1/Zinc finger protein 754:191-290/310
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Involved in self-renewal property of ES cells (By similarity). May be involved in transcriptional regulation.Tissue specificity: Expressed in kidney, epidermal keratinocytes, prostate epithelial cells, bronchial and small airway lung epithelial cells (at protein level). Expressed in malignant kidney and several carcinoma cell lines (at

protein level). Expressed in embryonic stem cells, kidney, epidermal keratinocytes, prostate epithelial cells, bronchial and small airway lung epithelial cells. Expressed in embryonal carcinomas, seminomas, malignant kidney and several carcinoma cell lines.

Function:

Involved in the reprogramming of X-chromosome inactivation during the acquisition of pluripotency. Required for efficient elongation of TSIX, a non-coding RNA antisense to XIST. Binds DXPas34 enhancer within the TSIX promoter. Involved in ES cell self-renewal

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed in kidney, epidermal keratinocytes, prostate epithelial cells, bronchial and small airway lung epithelial cells (at protein level). Expressed in malignant kidney and several carcinoma cell lines (at protein level). Expressed in embryonic stem cells, kidney, epidermal keratinocytes, prostate epithelial cells, bronchial and small airway lung epithelial cells. Expressed in embryonal carcinomas, seminomas, malignant kidney and several carcinoma cell lines.

Post-translational modifications:

Polyubiquitinated by RNF12, leading to proteasomal degradation

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 4 C2H2-type zinc fingers.

SWISS:

Q96MM3

Gene ID:

132625

Database links:

UniProtKB/Swiss-Prot: Q96MM3.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

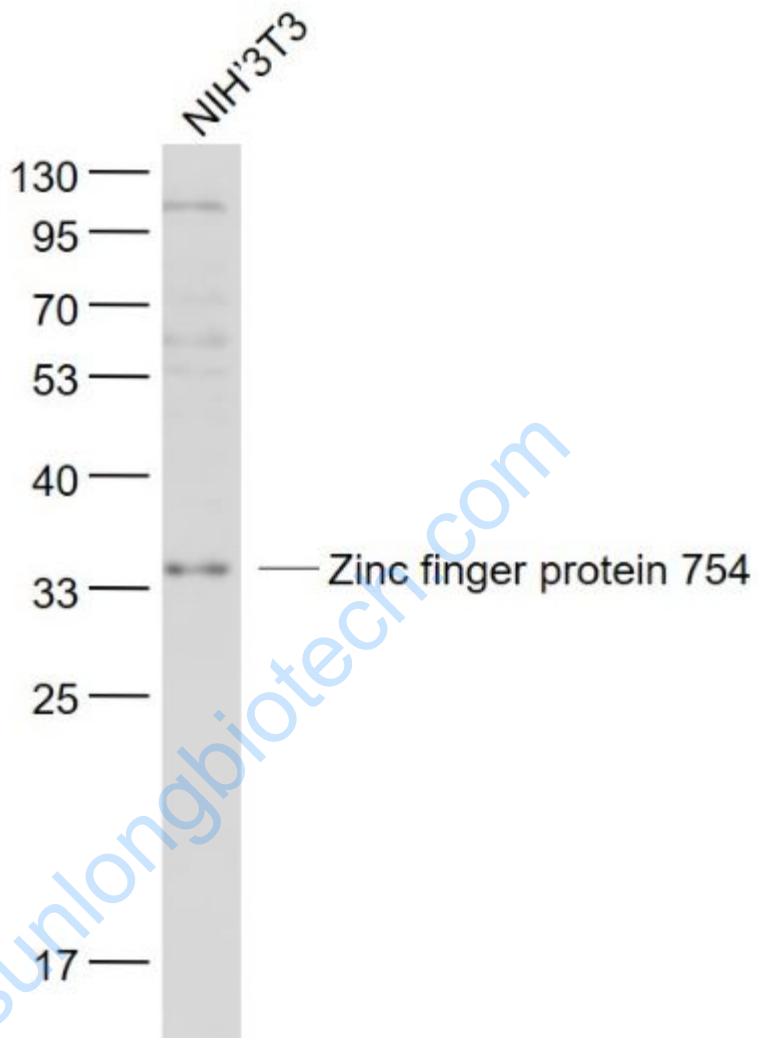
HL60(Human) Cell Lysate at 30 ug

Primary: Anti- Zinc finger protein 754 (SL6347R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 35 kD

Observed band size: 35 kD



Sample:

NIH/3T3(Mouse) Cell Lysate at 30 ug

Primary: Anti- Zinc finger protein 754 (SL6347R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 35 kD

Observed band size: 35 kD