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**[ Primary Antibody ]**

# Rabbit Anti-Zinc finger protein 754 antibody

**Catalog Number: SL6347R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

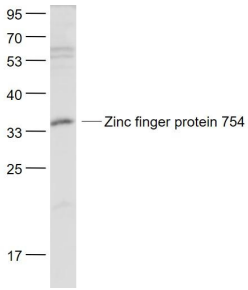
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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | Zinc finger protein 754 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human Rex1/Zinc finger protein 754: 191-290/310 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB=1:500-2000 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Human,Mouse(predicted:Rat,Pig,Cow,Horse,Rabbit,Sheep) |
| **Predicted MW.:** | 35 kDa |
| **Subcellular Location:** | The nucleus |
| **Background:** | 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.<br>**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<br>**Subcellular Location:** Nucleus.<br>**Tissue Specificity:** Expressed in kidney, epidermal keratinocytes, prostate |

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

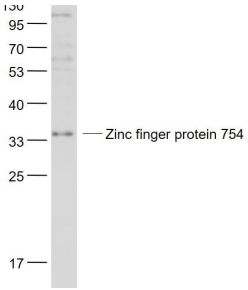
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|---|---|
| | epithelial cells, bronchial and small airway lung epithelial cells (at protein level). Expressed in malignant kidney and several carcinoma cell lines (at protein level). Expressed in embryonic stem cells, kidney, epidermal keratinocytes, prostate epithelial cells, bronchial and small airway lung epithelial cells. Expressed in embryonal carcinomas, seminomas, malignant kidney and several carcinoma cell lines.<br>**Post-translational modifications:** Polyubiquitinated by RNF12, leading to proteasomal degradation<br>**Similarity:** Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 4 C2H2-type zinc fingers.<br>**Database links:**<br>UniProtKB/Swiss-Prot: Q96MM3.2 |

## [ VALIDATION IMAGES ]




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

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