

## Rabbit KLF4 Polyclonal Antibody | anti-KLF4 antibody

KLF4 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                 | APPLICATIONS |
|-----------|--------|--------------------------------------------|--------------|
| AAA198012 | Rabbit | Cow, Dog, Horse, Human, Pig, Rabbit, Sheep | Western Blot |

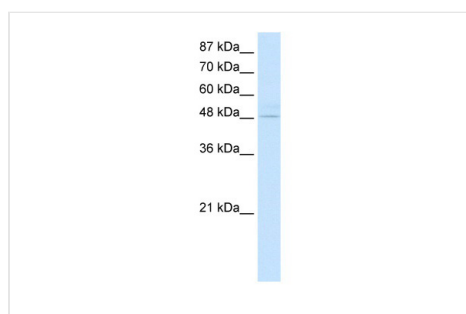
### PRODUCT SYNONYMS

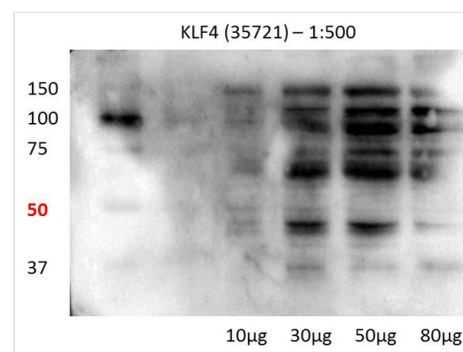
KLF4; Polyclonal Antibody; KLF4 antibody - N-terminal region; anti-KLF4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Horse, Human, Pig, Rabbit, Sheep                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Protein A purified                                                                                                                                    |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: GA ACGGSNLAPL PRRETEEFND LLDLDFILSN SLTHPPESVA<br>ATVSSSAS                                               |
| Sequence Length                                | 470                                                                                                                                                   |
| Applicable Applications for anti-KLF4 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 80%; Dog: 87%; Horse: 87%; Human: 100%; Pig: 80%; Rabbit: 85%; Sheep: 80%                                                                        |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human KLF4                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-KLF4 Antibody Titration: 2.5ug/ml  
ELISA Titer: 1:312500  
Positive Control: Transfected 293T

**WB (Western Blot)**

Human lung cell line

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KLF4 antibody | <p>This is a rabbit polyclonal antibody against KLF4. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: The mammalian Kruppel-like transcription factor, KLF4 is involved in preventing centrosome amplification following DNA damage caused by gamma-irradiation. It is both necessary and sufficient in preventing centrosome amplification following gamma-radiation-induced DNA damage and does so by transcriptionally suppressing cyclin E expression n. Kruppel-like factor 4 is also known to exhibit checkpoint function during the G1/S and G2/M transitions of the cell cycle.</p> |
| Product Categories/Family for anti-KLF4 antibody   | <p>Polyclonal; Transcription Factor; Transcription Regulation; Growth Factors &amp; Hormones; Transcription Regulation ; Drugs and Drug Metabolism; DNA Damage &amp; Repair; Meiosis/Mitosis/Cell Cycle; Transcription Factors; Cell Differentiation</p>                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 194248077                        |
| NCBI GeneID                      | 9314                             |
| NCBI Accession #                 | NP_004226                        |
| NCBI GenBank Nucleotide #        | NM_004235                        |
| UniProt Accession #              | O43474                           |
| Molecular Weight                 | 50kDa                            |
| NCBI Official Full Name          | Krueppel-like factor 4 isoform 2 |
| NCBI Official Synonym Full Names | Kruppel like factor 4            |
| NCBI Official Symbol             | KLF4                             |
| NCBI Official Synonym Symbols    | EZF; GKLF                        |
| NCBI Protein Information         | Krueppel-like factor 4           |
| UniProt Protein Name             | Krueppel-like factor 4           |
| UniProt Gene Name                | KLF4                             |
| UniProt Synonym Gene Names       | EZF; GKLF                        |
| UniProt Entry Name               | KLF4_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/klf4-antibody-western-blot-elisa/198012>