

## Rabbit anti-Human, Rat ESE-1 Polyclonal Antibody | anti-ESE-1 antibody

Rabbit anti-ESE-1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                           |
|-----------|--------|------------|--------------------------------------------------------|
| AAA221064 | Rabbit | Human, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

ESE-1; Polyclonal Antibody; Rabbit anti-ESE-1 Antibody; ERT; ESX; JEN; ETS-related transcription factor Elf-3; E74-like factor 3; Epithelial-restricted with serine box; Epithelium-restricted Ets protein ESX; Epithelium-specific Ets transcription factor 1; anti-ESE-1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human, Rat                                                                                                |
| Clonality                                       | Polyclonal                                                                                                |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-ESE-1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                    |
| Immunogen                                       | Recombinant full length protein of human ESE-1                                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



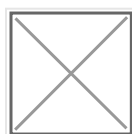
#### IF (Immunofluorescence)

Immunofluorescent analysis of ESE-1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of ESE-1 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of ESE-1 expression in SW480 (A), mouse skin (B), mouse lung (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-ESE-1 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 167235022                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 1999                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_004424.3                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_004433                                                                                                                                                                                                                                                       |
| UniProt Accession #              | P78545; Rat:Q4V7E1                                                                                                                                                                                                                                              |
| Molecular Weight                 | 39,357 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | Homo sapiens E74-like factor 3 (ets domain transcription factor, epithelial-specific) (ELF3), transcript variant 1, mRNA                                                                                                                                        |
| NCBI Official Synonym Full Names | E74-like factor 3 (ets domain transcription factor, epithelial-specific )                                                                                                                                                                                       |
| NCBI Official Symbol             | ELF3                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | ERT; ESX; EPR-1; ESE-1                                                                                                                                                                                                                                          |
| NCBI Protein Information         | ETS-related transcription factor Elf-3; E74-like factor 3 (ETS domain transcription factor, serine box, epithelial-specific); E74-like factor 3 (ets domain transcription factor); ELF3; epithelial-restricted with serine box; epithelium-restricted Ets prote |
| UniProt Protein Name             | ETS-related transcription factor Elf-3                                                                                                                                                                                                                          |
| UniProt Gene Name                | ELF3                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | ESE-1                                                                                                                                                                                                                                                           |
| UniProt Entry Name               | ELF3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/e74-like-factor-3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/221064>