

## Rabbit anti-Human, Mouse PROX1 Polyclonal Antibody | anti-PROX1 antibody

PROX1 Antibody

|                               |                       |                                   |                                                                  |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA241606</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

PROX1; Polyclonal Antibody; PROX1 Antibody; prospero homeobox 1; anti-PROX1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                  |
| Reactivity                                      | Human, Mouse                                                                            |
| Clonality                                       | Polyclonal                                                                              |
| Isotype                                         | IgG                                                                                     |
| Purity/Purification                             | Antigen Affinity Purification                                                           |
| Form/Format                                     | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-PROX1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                       | Synthetic peptide of human PROX1                                                        |
| Immunogen Species                               | Human                                                                                   |
| Conjugate                                       | Non-conjugated                                                                          |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



#### SDS-PAGE

Gel: 6%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Human fetal liver tissue, 231 cells, Primary antibody: AAA241606(PROX1 Antibody) at dilution 1/300 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using AAA241606(PROX1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                   |              |
|---------------------------------------------------|--------------|
| Product Categories/Family for anti-PROX1 antibody | Neuroscience |
|---------------------------------------------------|--------------|

### NCBI AND UNIPROT INFORMATION

|                     |                                        |
|---------------------|----------------------------------------|
| NCBI GI #           | 85702224                               |
| NCBI GeneID         | 5629                                   |
| UniProt Accession # | Q92786; Q5SW76; Q8TB91; A6NK29; A8K2B1 |

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| Molecular Weight                 | 737                                                                                            |
| NCBI Official Full Name          | Prospero homeobox protein 1                                                                    |
| NCBI Official Synonym Full Names | prospero homeobox 1                                                                            |
| NCBI Official Symbol             | PROX1                                                                                          |
| NCBI Protein Information         | prospero homeobox protein 1; prospero-related homeobox 1; homeobox prospero-like protein PROX1 |
| UniProt Protein Name             | Prospero homeobox protein 1                                                                    |
| UniProt Gene Name                | <b>PROX1</b>                                                                                   |
| UniProt Synonym Gene Names       | PROX-1                                                                                         |
| UniProt Entry Name               | PROX1_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/prox1-antibody-immunohistochemistry-western-blot-elisa/241606>