

## Rabbit anti-Human, Pig Exoribonuclease 1 Polyclonal Antibody | anti-ERI1 antibody

Polyclonal Antibody to Exoribonuclease 1 (ERI1)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA145735 | Rabbit | Human, Pig | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

Exoribonuclease 1; Polyclonal Antibody; Polyclonal Antibody to Exoribonuclease 1 (ERI1); THEX1; 3'HEXO; 3'-5' exonuclease ERI1; Histone mRNA 3'-end-specific exoribonuclease; Enhanced RNAi Three Prime mRNA Exonuclease Homolog 1; anti-ERI1 antibody

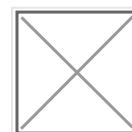
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                     | Human, Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against ERI1. It has been selected for its ability to recognize ERI1 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                  |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence Length                                | 349                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-ERI1 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                 |
| Fragment                                       | ERI1 (Glu2~Lys249)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cross Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunoglobulin Type                            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Quality Control                                | Content: The quality control contains recombinant ERI1 (Glu2~Lys249) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemilumescet (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                   |

### IMAGES



**IHC (Immunohistochemistry)**  
DAB staining on formalin fixed paraffin-embedded kidney tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 31543184                          |
| NCBI GeneID                      | 90459                             |
| NCBI Accession #                 | NP_699163.2                       |
| NCBI GenBank Nucleotide #        | NM_153332.3                       |
| UniProt Accession #              | Q8IV48; Q9NSX3; A8K4U7            |
| Molecular Weight                 | 40,064 Da                         |
| NCBI Official Full Name          | 3'-5' exoribonuclease 1 isoform 1 |
| NCBI Official Synonym Full Names | exoribonuclease 1                 |
| NCBI Official Symbol             | ERI1                              |
| NCBI Official Synonym Symbols    | HEXO; THEX1; 3'HEXO               |
| NCBI Protein Information         | 3'-5' exoribonuclease 1           |
| UniProt Protein Name             | 3'-5' exoribonuclease 1           |
| UniProt Gene Name                | ERI1                              |
| UniProt Synonym Gene Names       | 3'EXO; THEX1; HEXO                |

**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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