

## Rabbit anti-Human, Mouse IER3 / IEX-1 Polyclonal Antibody | anti-IER3 antibody

Rabbit Polyclonal (IgG) to Human IER3 / IEX-1

|                              |                       |                                   |                                                           |
|------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA50785</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

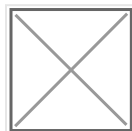
### PRODUCT SYNONYMS

IER3 / IEX-1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human IER3 / IEX-1; Anti-IER3 / IEX-1 Antibody (Internal) IHC-plus; IER3; DIF-2; DIF2; Gly96; mouse; homolog of; IEX1; IEX-1L; Immediate early protein GLY96; Immediate early response 3; Immediately early gene X-1; GLY96; IEX-1; Protein DIF-2; Protein PRG1; PRG1; Anti-death protein; Human IER3; anti-IER3 antibody

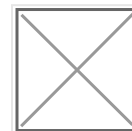
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Specificity                                    | a 24 amino acid peptide near the center of human IEX1                                                          |
| Purity/Purification                            | Immunoaffinity Purified                                                                                        |
| Form/Format                                    | PBS, 0.02% sodium azide.                                                                                       |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                        |
| Sequence Length                                | 156                                                                                                            |
| Applicable Applications for anti-IER3 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                  |
| Target Species                                 | Human                                                                                                          |
| Immunogen Description                          | A 24 amino acid peptide near the center of human IEX1.                                                         |
| Immunogen Type                                 | Synthetic peptide                                                                                              |
| Immunogen                                      | IER3 / IEX-1 antibody was raised against a 24 amino acid peptide near the center of human IEX1.                |
| Antigen Modification                           | Internal                                                                                                       |
| Preparation and Storage                        | Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted. |

### IMAGES


**WB (Western Blot)**

Western blot of IEX1 in human brain tissue lysate with IEX1 antibody at (A) 2 and (B) 4 ug/ml.


**IF (Immunofluorescence)**

Immunofluorescence of IEX-1 in Human Brain cells with IEX-1 antibody at 20 ug/ml.



#### IHC (Immunohistochemistry)

Anti-IEX1 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IER3 antibody | Immediate Early Response 3 (IER3) functions in the protection of cells from Fas- or tumor necrosis factor type alpha-induced apoptosis. Partially degraded and unspliced transcripts are found after virus infection in vitro, but these transcripts are not found in vivo and do not generate a valid protein. |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119964723                                                                                                                                                                                                                                                                                                                |
| NCBI GeneID                      | 8870                                                                                                                                                                                                                                                                                                                     |
| NCBI Accession #                 | NP_003888.2                                                                                                                                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_003897.3                                                                                                                                                                                                                                                                                                              |
| UniProt Accession #              | P46695; Q5SU30; Q92691; Q93044                                                                                                                                                                                                                                                                                           |
| Molecular Weight                 | 16,903 Da                                                                                                                                                                                                                                                                                                                |
| NCBI Official Full Name          | radiation-inducible immediate-early gene IEX-1                                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | immediate early response 3                                                                                                                                                                                                                                                                                               |
| NCBI Official Symbol             | IER3                                                                                                                                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | DIF2; IEX1; PRG1; DIF-2; GLY96; IEX-1; IEX-1L                                                                                                                                                                                                                                                                            |
| NCBI Protein Information         | radiation-inducible immediate-early gene IEX-1; protein DIF-2; anti-death protein; gly96, mouse, homolog of; immediately early gene X-1; immediate early protein GLY96; PACAP-responsive gene 1 protein; expressed in pancreatic carcinoma; immediate early response 3 protein; differentiation-dependent gene 2 protein |
| UniProt Protein Name             | Radiation-inducible immediate-early gene IEX-1                                                                                                                                                                                                                                                                           |
| UniProt Gene Name                | IER3                                                                                                                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | DIF2; IEX1; PRG1; Protein DIF-2; Protein PRG1                                                                                                                                                                                                                                                                            |
| UniProt Entry Name               | IEX1_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/ier3-iex-1-antibody-western-blot-immunohistochemistry-elisa/50785>