

## Rabbit EWSR1 Polyclonal Antibody | anti-EWSR1 antibody

EWSR1 antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------------|------------------------------------|
| AAA198351 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Immunohistochemistry, Western Blot |

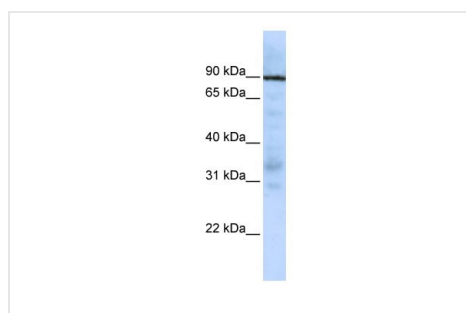
### PRODUCT SYNONYMS

EWSR1; Polyclonal Antibody; EWSR1 antibody - middle region; anti-EWSR1 antibody

### PRODUCT SPECIFICATIONS

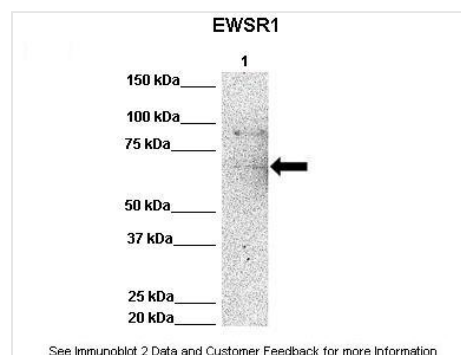
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity 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: RG GFGGRRGGP GGPPGPLMEQ MGGRGGRGG PGKMDKGEHR QERRDRPY                                                    |
| Sequence Length                                 | 656                                                                                                                                                   |
| Applicable Applications for anti-EWSR1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                        | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%                                |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the middle region of human EWSR1                                                                |
| 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



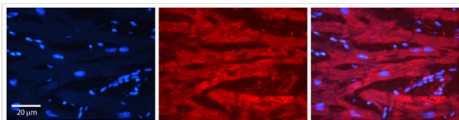
#### WB (Western Blot)

WB Suggested Anti-EWSR1 Antibody Titration: 0.2-1 ug/ml  
 ELISA Titer: 1:312500  
 Positive Control: Jurkat cell lysate. EWSR1 is strongly supported by BioGPS gene expression data to be expressed in Jurkat



#### WB (Western Blot)

Lanes: Lane 1: 50ug HeLa Lysate  
 Primary Antibody Dilution: 1:1000  
 Secondary Antibody: Anti-rabbit-HRP  
 Secondary Antibody Dilution: 1:10,000  
 Gene Name: EWSR1  
 Submitted by: Archa Fox, University of Western Australia  
 EWSR1 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



**IHC (Immunohistochemistry)**  
 Rabbit Anti-EWSR1 Antibody  
 Formalin Fixed Paraffin Embedded Tissue: Human heart  
 Tissue Observed Staining: Cytoplasmic, plasma membrane  
 Primary Antibody Concentration: 1:100  
 Other Working Concentrations: 1:600  
 Secondary Antibody: Donkey anti-Rabbit-Cy3  
 Secondary Antibody Concentration: 1:200  
 Magnification: 20X  
 Exposure Time: 0.5 - 2.0 sec

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-EWSR1 antibody</b> | <p>This is a rabbit polyclonal antibody against EWSR1. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: EWSR1 is a putative RNA binding protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in two products. This gene encodes a putative RNA binding protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in two products.</p> |
| <b>Product Categories/Family for anti-EWSR1 antibody</b>   | Polyclonal; RNA Binding Proteins; Transcription Regulation; Disease Related; DNA/RNA/Protein Interactions; Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 253970502                         |
| NCBI GeneID                      | 2130                              |
| NCBI Accession #                 | NP_005234                         |
| NCBI GenBank Nucleotide #        | NM_005243                         |
| UniProt Accession #              | Q01844                            |
| Molecular Weight                 | 68kDa                             |
| NCBI Official Full Name          | RNA-binding protein EWS isoform 3 |
| NCBI Official Synonym Full Names | EWS RNA binding protein 1         |
| NCBI Official Symbol             | EWSR1                             |
| NCBI Official Synonym Symbols    | EWS; EWS-FLI1; bK984G1.4          |
| NCBI Protein Information         | RNA-binding protein EWS           |
| UniProt Protein Name             | RNA-binding protein EWS           |
| UniProt Gene Name                | EWSR1                             |
| UniProt Synonym Gene Names       | EWS                               |
| UniProt Entry Name               | EWS_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/ewsr1-antibody-immunohistochemistry-western-blot-elisa/198351>