

Rabbit EWSR1 Polyclonal Antibody | anti-EWSR1 antibody

EWSR1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283983	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, ELISA, Immunofluorescence

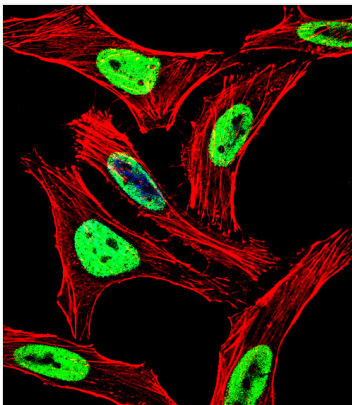
PRODUCT SYNONYMS

EWSR1; Polyclonal Antibody; EWSR1 Antibody (C-term); RNA-binding protein EWS; EWS oncogene; Ewing sarcoma breakpoint region 1 protein; EWS; anti-EWSR1 antibody

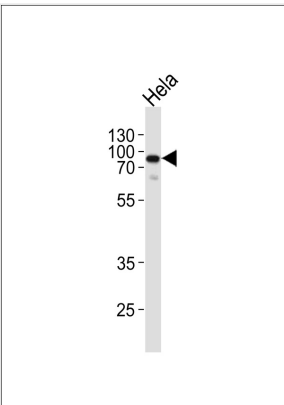
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EWSR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 623-652 amino acids from the C-terminal region of human EWSR1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	623-652
Sequence Length	655
Applicable Applications for anti-EWSR1 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Fluorescent confocal image of HeLa cell stained with EWSR1 Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with EWSR1 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). EWSR1 immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)
EWSR1 Antibody (C-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the EWSR1 antibody detected the EWSR1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-EWSR1 antibody	This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor 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 multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and 14. [provided by RefSeq].
Product Categories/Family for anti-EWSR1 antibody	Crown Antibodies
References	Lagirand-Cantaloube, J., et al. Biochem. Biophys. Res. Commun. 399(4):705-710(2010) Kumagai, A., et al. Am. J. Clin. Pathol. 134(2):323-331(2010) Aryee, D.N., et al. Cancer Res. 70(10):4015-4023(2010) Riggi, N., et al. Genes Dev. 24(9):916-932(2010) Olsen, J.V., et al. Cell 127(3):635-648(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	253970502
NCBI GeneID	2130
NCBI Accession #	NP_001156757.1; NP_001156758.1; NP_001156759.1; NP_005234.1; NP_053733.2
NCBI GenBank Nucleotide #	NM_001163285.1
UniProt Accession #	Q01844; Q5THL0; Q92635; Q96FE8; Q96MN4; Q96MX4; Q9BWA2; B0QYK1

Molecular Weight	68478
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://www.aaabiotech.com/polyclonal/ewsr1-antibody-western-blot-immunofluorescence-elisa/283983>