

Rabbit EWSR1 Polyclonal Antibody | anti-EWSR1 antibody

EWSR1 Antibody (C-term)

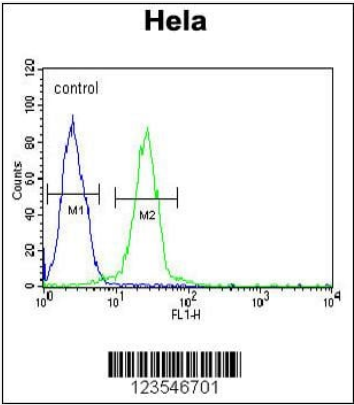
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283817	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

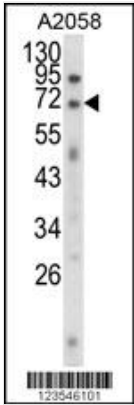
EWSR1; Polyclonal Antibody; EWSR1 Antibody (C-term); RNA-binding protein EWS; EWS oncogene; Ewing sarcoma breakpoint region 1 protein; EWS; anti-EWSR1 antibody

PRODUCT SPECIFICATIONS

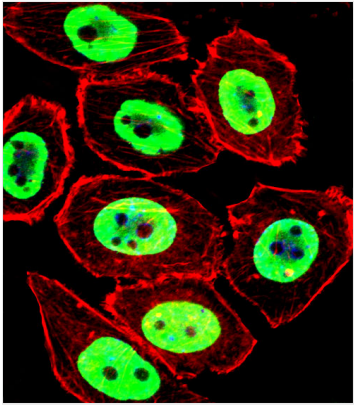
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EWSR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 628-656 amino acids from the C-terminal region of human EWSR1.
Purity/Purification	Peptide 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: 0.4 (varies by lot)
Sequence Positions	628-656
Sequence Length	600
Applicable Applications for anti-EWSR1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
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.



FCM/FACS (Flow Cytometry)
EWSR1 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of EWSR1 Antibody (C-term) in A2058 cell line lysates (35ug/lane). EWSR1 (arrow) was detected using the purified Pab.



IF (Immunofluorescence)
Fluorescent confocal image of U251 cell stained with EWSR1 Antibody (C-term). U251 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.

ADDITIONAL INFORMATION

Related Product Information for anti-EWSR1 antibody	EWSR1 is 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.
References	Bhagirath,T., et.al., Genes Chromosomes Cancer 13 (2), 126-132 (1995)

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-flow-cytometry-western-blot-immunofluorescence-elisa/283817>