

EWSR1 Polyclonal Antibody | anti-EWSR1 antibody

Anti-EWSR1 Antibody

CATALOG # AAA46491	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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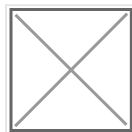
PRODUCT SYNONYMS

EWSR1; Polyclonal Antibody; Anti-EWSR1 Antibody; RNA-binding protein EWS; bK984G1.4; bK984G1.4 Ewing sarcoma breakpoint region 1 protein; Ewing sarcoma breakpoint region 1; Ewing sarcoma breakpoint region 1 protein; Ewings sarcoma EWS Fli1 type 1 oncogene; EWS; EWS oncogene; EWS RNA binding protein 1; EWS_HUMAN; EWSR 1; Ewsr1; EWSR1 protein; RNA binding protein EWS; EWS RNA-binding protein 1; anti-EWSR1 antibody

PRODUCT SPECIFICATIONS

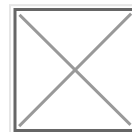
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	655
Applicable Applications for anti-EWSR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human EWSR1 (369-399aa NDSVTLDDLADFFKQCGVVKMNKRTGQPMIH), different from the related mouse sequence by one amino acid.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



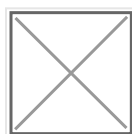
IHC (Immunohistochemistry)

Anti- EWSR1 Picoband antibody, AAA46491, IHC(P)IHC(P): Human Mammary Cancer Tissue



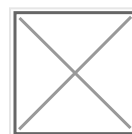
IHC (Immunohistochemistry)

Anti- EWSR1 Picoband antibody, AAA46491, IHC(P)IHC(P): Rat Testis Tissue



IHC (Immunohistochemistry)

Anti- EWSR1 Picoband antibody, AAA46491, IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)

Anti- EWSR1 Picoband antibody, AAA46491, Western blottingAll lanes: Anti EWSR1 (AAA46491) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Testis Tissue Lysate at 50ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: SKOV Whole Cell Lysate at 40ugLane 5: SW620 Whole Cell Lysate at 40ugPredicted bind size: 68KDObserved bind size: 95KD

ADDITIONAL INFORMATION

Related Product Information for anti-EWSR1 antibody	Description: Rabbit IgG polyclonal antibody for RNA-binding protein EWS(EWSR1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: 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.
References	1. "Entrez Gene: EWSR1 Ewing sarcoma breakpoint region 1". 2. Delattre O, Zucman J, Plougastel B, Desmaze C, Melot T, Peter M, Kovar H, Joubert I, de Jong P, Rouleau G (October 1992). "Gene fusion with an ETS DNA-binding domain caused by chromosome translocation in human tumours". Nature 359 (6391): 162-5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	253970502
NCBI GeneID	2130
NCBI Accession #	NP_001156757.1
NCBI GenBank Nucleotide #	NM_001163285.1
UniProt Accession #	Q01844; Q5THL0; Q92635; Q96FE8; Q96MN4; Q96MX4; Q9BWA2; B0QYK1
Molecular Weight	62,508 Da
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/46491>