

Rabbit anti-Human EWSR1 Polyclonal Antibody | anti-EWSR1 antibody

Anti-EWSR1 Antibody, Rabbit Polyclonal

CATALOG # AAA257583	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

EWSR1; Polyclonal Antibody; Anti-EWSR1 Antibody; Rabbit Polyclonal; EWSR1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-bK984G1.4 Antibody; Anti-EWS Antibody; Anti-EWS-FLI1 Antibody; EWS RNA binding protein 1; anti-EWSR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human EWSR1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-EWSR1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human EWSR1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human EWSR1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of EWSR1 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human EWSR1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to.



IHC (Immunohistochemistry)

Immunochemical staining of human EWSR1 in human skin with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-EWSR1 rabbit polyclonal antibody at 1:500 dilution Lane A: K562 Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: Jurkat Whole Cell Lysate Lane D: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 68 kDa Observed band size: 90 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EWSR1 antibody	Background: EWSR1 (Ewing Sarcoma breakpoint region 1/EWS RNA binding protein 1) gene is ubiquitously expressed in most cell types, indicating it has diverse roles in various cellular processes and organ development. EWSR1, participating in transcription and splicing, has been identified as a translocation partner for various transcription factors, resulting in translocation, which in turn plays crucial roles in tumorigenesis. EWSR1 is a 'promiscuous' gene that can fuse with many different partner genes, but sometimes this results in phenotypically identical tumors. EWSR1 can, conversely, partner with the same genes in morphologically and behaviourally different neoplasms. Ewing sarcoma breakpoint region 1 (EWSR1) translocation-negative tumors represent a minor portion of small round cell tumors consistent with Ewing sarcoma morphology.
References	Wang YL, et al. (2016) Ewsr1 regulates mitosis by dynamically influencing microtubule acetylation. Cell Cycle 15 (16): 2202-2215. Soffer S, et al. (2019) Pet-ct imaging features that differentiate between positive and negative ewsr1 translocation in ewing sarcoma. Nucl Med Commun 40 (8): 827-834. Lee J, et al. (2019) Ewsr1, a multifunctional protein, regulates cellular function and aging via genetic and epigenetic pathways. Biochim Biophys Acta Mol Basis Dis 1865 (7): 1938-1945. Fisher C (2014) The diversity of soft tissue tumours with ewsr1 gene rearrangements: A review. Histopathology 64 (1): 134-150.

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-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/257583>