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EWSR1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20984c

Specification

EWSR1 Antibody (C-term) - Product Information

Application	**WB, IF,E**
Primary Accession	Q01844
Other Accession	Q61545
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**68478**

EWSR1 Antibody (C-term) - Additional Information

Gene ID 2130

Other Names
RNA-binding protein EWS, EWS oncogene, Ewing sarcoma breakpoint region 1 protein, EWSR1, EWS

Target/Specificity
This EWSR1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 639-674 amino acids from the C-terminal region of human EWSR1.

Dilution
WB~~1:1000
IF~~1:25
E~~Use at an assay dependent concentration.

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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EWSR1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EWSR1 Antibody (C-term) - Protein Information

Name EWSR1

Synonyms EWS

Function Might normally function as a transcriptional repressor. EWS- fusion-proteins (EFPS) may play a role in the tumorigenic process. They may disturb gene expression by mimicking, or interfering with the normal function of CTD-POLII within the transcription initiation complex. They may also contribute to an aberrant activation of the fusion protein target genes.

Cellular Location
Nucleus. Cytoplasm. Cell membrane. Note=Relocates from cytoplasm to ribosomes upon PTK2B/FAK2 activation

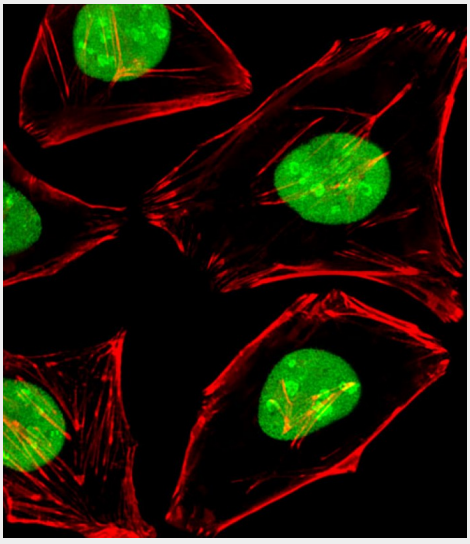
Tissue Location
Ubiquitous.

EWSR1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EWSR1 Antibody (C-term) - Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized Hela (Human Cervical epithelial adenocarcinoma cell line) cells labeling EWSR1 with AP20984c at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/400 dilution (green). Confocal image showing nuclear staining on Hela cell line. Cytoplasmic actin is detected with Alexa Fluor® 555 conjugated with Phalloidin (OB16636430) at 1/100 dilution (red).

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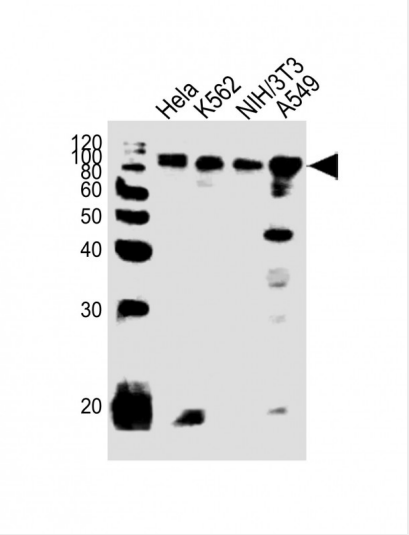

All lanes : Anti-EWSR1 Antibody (C-term) at 1:1000 dilution Lane 1: Hela whole cell lysates Lane 2: K562 whole cell lysates Lane 3: NIH/3T3 whole cell lysates Lane 4: A549 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 68 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

EWSR1 Antibody (C-term) - Background

Might normally function as a transcriptionnal repressor. EWS-fusion-proteins (EFPS) may play a role in the tumorigenic process. They may disturb gene expression by mimicking, or interfering with the normal function of CTD-POLII within the transcription initiation complex. They may also contribute to an aberrant activation of the fusion protein target genes.

EWSR1 Antibody (C-term) - References

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