

EWSR1 / EWS Antibody (Internal)

Goat Polyclonal Antibody Catalog # ALS13106

Specification

EWSR1 / EWS Antibody (Internal) - Product Information

Application WB, IHC Primary Accession Q01844

Reactivity Human, Mouse, Rat, Hamster, Monkey, Pig,

Bovine, Dog

Host Goat
Clonality Polyclonal
Calculated MW 68kDa KDa

EWSR1 / EWS Antibody (Internal) - Additional Information

Gene ID 2130

Other Names

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

Target/Specificity

Human EWSR1. This antibody is expected to recognize all five reported isoforms (NP_053733.2; NP 005234.1; NP 001156757.1; NP 001156758.1; NP 001156759.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

EWSR1 / EWS Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

EWSR1 / EWS Antibody (Internal) - 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 / EWS Antibody (Internal) - Protocols

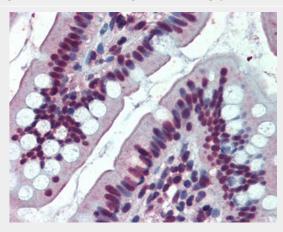
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EWSR1 / EWS Antibody (Internal) - Images



Antibody (0.1 ug/ml) staining of nuclear HeLa lysate (35 ug protein in RIPA buffer).



Anti-EWSR1 antibody IHC of human small intestine.

EWSR1 / EWS Antibody (Internal) - Background

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EWSR1 / EWS Antibody (Internal) - References

Delattre O.,et al.Nature 359:162-165(1992). Plougastel B.,et al.Genomics 18:609-615(1993). Zucman-Rossi J.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases. Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004). Ota T.,et al.Nat. Genet. 36:40-45(2004).