

**EWS Polyclonal Antibody**  
**Catalog # AP69828****Specification**

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**EWS Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q01844</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**EWS Polyclonal Antibody - Additional Information****Gene ID** 2130**Other Names**

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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**EWS Polyclonal Antibody - Protein Information****Name** EWSR1**Synonyms** EWS**Function**

Binds to ssRNA containing the consensus sequence 5'-AGGUAA-3' (PubMed:<a href="http://www.uniprot.org/citations/21256132" target="\_blank">21256132</a>). Might normally function as a transcriptional repressor (PubMed:<a href="http://www.uniprot.org/citations/10767297" target="\_blank">10767297</a>). 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

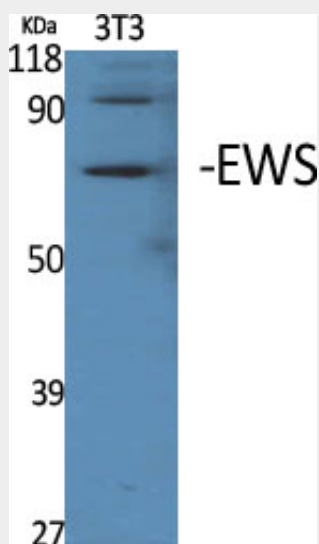
**Tissue Location**

Ubiquitous.

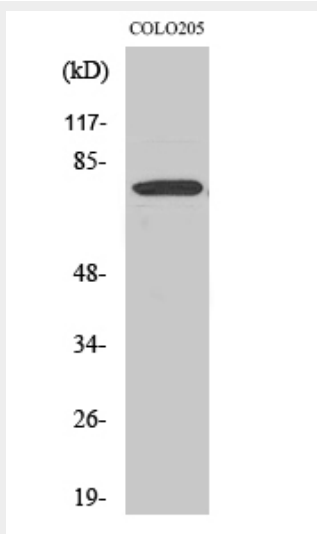
**EWS Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**EWS Polyclonal Antibody - Images**

Western Blot analysis of various cells using EWS Polyclonal Antibody



Western Blot analysis of COLO205 cells using EWS Polyclonal Antibody

### **EWS Polyclonal Antibody - Background**

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.