

# Goat anti-EWS / EWSR1, Biotinylated Antibody

Peptide-affinity purified goat antibody

Catalog # AF4479a

## Product Information

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<b>Application</b>	WB, Pep-ELISA
<b>Primary Accession</b>	<a href="#">Q01844</a>
<b>Other Accession</b>	<a href="#">NP_053733.2</a> , <a href="#">NP_005234.1</a> , <a href="#">NP_001156757.1</a> , <a href="#">NP_001156758.1</a> , <a href="#">NP_001156759.1</a>
<b>Reactivity</b>	Human, Mouse, Rat, Pig, Bovine
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	EWSR1
<b>Calculated MW</b>	68478

## Additional Information

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<b>Gene ID</b>	2130
<b>Other Names</b>	EWSR1; EWS; Ewing sarcoma breakpoint region 1; EWS/FLI fusion protein; EWSR1/ZNF384 fusion protein; Ewings sarcoma EWS-Flt1 (type 1) oncogene; bK984G1.4 (Ewing sarcoma breakpoint region 1 protein); extraskeletal myxoid chondrosarcoma EWS/TEC/CHN fusion pr
<b>Dilution</b>	WB~~1:1000 Pep-ELISA~~N/A
<b>Format</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Immunogen</b>	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).
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Goat anti-EWS / EWSR1, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	EWSR1
<b>Synonyms</b>	EWS

<b>Function</b>	Binds to ssRNA containing the consensus sequence 5'-AGGUAA-3' (PubMed: <a href="#">21256132</a> ). Might normally function as a transcriptional repressor (PubMed: <a href="#">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.
<b>Cellular Location</b>	Nucleus. Cytoplasm. Cell membrane. Note=Relocates from cytoplasm to ribosomes upon PTK2B/FAK2 activation
<b>Tissue Location</b>	Ubiquitous.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.