

Goat anti-EWS / EWSR1, Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4479a**Specification**

Goat anti-EWS / EWSR1, Biotinylated Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	Q01844
Other Accession	NP_053733.2 , NP_005234.1 , NP_001156757.1 , NP_001156758.1 , NP_001156759.1
Reactivity	Human, Mouse, Rat, Pig, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	68478

Goat anti-EWS / EWSR1, Biotinylated Antibody - Additional Information**Gene ID** 2130**Other Names**

EWSR1; EWS; Ewing sarcoma breakpoint region 1; EWS/FLI fusion protein; EWSR1/ZNF384 fusion protein; Ewings sarcoma EWS-Fli1 (type 1) oncogene; bK984G1.4 (Ewing sarcoma breakpoint region 1 protein); extraskeletal myxoid chondrosarcoma EWS/TEC/CHN fusion pr

Dilution

WB~~1:1000
Pep-ELISA~~N/A

Format

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.

Immunogen

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).

Storage

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.

Precautions

Goat anti-EWS / EWSR1, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-EWS / EWSR1, Biotinylated Antibody - Protein Information**Name** EWSR1

Synonyms EWS**Function**

Binds to ssRNA containing the consensus sequence 5'-AGGUAA-3' (PubMed:21256132). Might normally function as a transcriptional repressor (PubMed:10767297). 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.

Goat anti-EWS / EWSR1, Biotinylated 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](#)

Goat anti-EWS / EWSR1, Biotinylated Antibody - Images