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Goat anti-EWS / EWSR1, Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4479a

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
Clone Names	EWSR1
Calculated MW	68478

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.

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.

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