

KD-Validated Anti-EWS RNA Binding Protein 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1426

Product Information

Application	WB, FC
Primary Accession	Q01844
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB3500
Calculated MW	68478
Gene Name	EWSR1
Aliases	EWSR1; EWS RNA Binding Protein 1; EWS; Ewing Sarcoma Breakpoint Region 1; RNA-Binding Protein EWS; Ewings Sarcoma EWS-Flt1 (Type 1) Oncogene; Ewing Sarcoma Breakpoint Region 1 Protein; EWS Oncogene; BK984G1.4; EWS-FLI1
Immunogen	A synthesized peptide derived from human EWSR1

Additional Information

Gene ID	2130
Other Names	RNA-binding protein EWS, EWS oncogene, Ewing sarcoma breakpoint region 1 protein, EWSR1, EWS

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'.