



EWS rabbit pAb

Cat No.:ES2308

For research use only

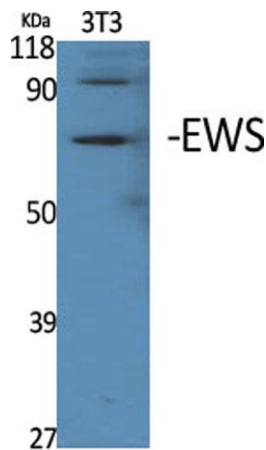
Overview

Product Name	EWS rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human EWSR1. AA range:403-452
Specificity	EWS Polyclonal Antibody detects endogenous levels of EWS protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	RNA-binding protein EWS
Gene Name	EWSR1
Cellular localization	Nucleus . Cytoplasm . Cell membrane . Relocates from cytoplasm to ribosomes upon PTK2B/FAK2 activation.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	68kD
Human Gene ID	2130
Human Swiss-Prot Number	Q01844
Alternative Names	EWSR1; EWS; RNA-binding protein EWS; EWS oncogene; Ewing sarcoma breakpoint region 1 protein
Background	This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and

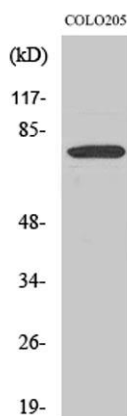




transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been id



Western Blot analysis of various cells using EWS Polyclonal Antibody

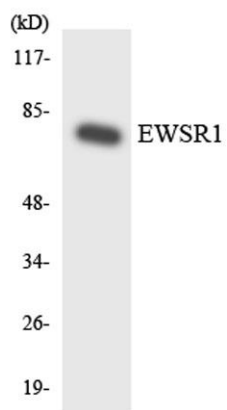


Western Blot analysis of COLO205 cells using EWS Polyclonal Antibody





ELK Biotechnology



Western blot analysis of the lysates from HepG2 cells using EWSR1 antibody.



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