

# Anti-EWSR1 Polyclonal Antibody

Cat: AC51689

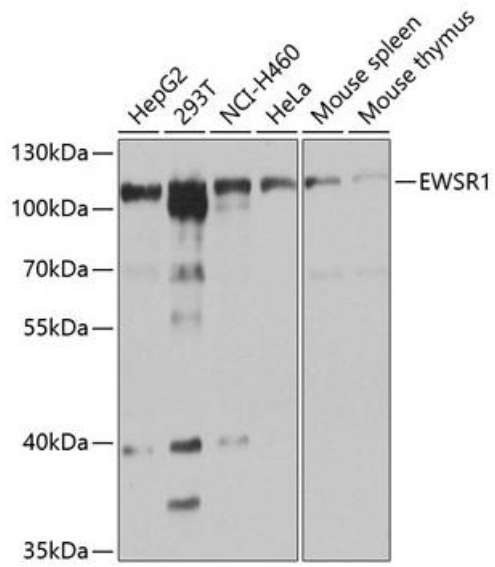
## Summary:

- 【Product name】** : Anti-EWSR1 antibody                      **【Source】** : Rabbit
- 【Isotype】** : IgG    **【Species reactivity】** : Human Mouse
- 【Swiss Prot】** : Q01844    **【Gene ID】** : 2130
- 【Calculated】** : MW:68kDa    **【Observed】** : MW:105kDa
- 【Purification】** : Affinity purification
- 【Tested applications】** : WB IF
- 【Recommended dilution】** : WB 1:500-2000. IF 1:50-100.
- 【WB Positive sample】** : HepG2,293T,NCI-H460,HeLa,Mouse spleen,Mouse thymus
- 【Subcellular location】** : Cell membrane Cytoplasm Nucleus
- 【Immunogen】** : Recombinant protein of human EWSR1
- 【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

## 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 identified on chromosomes 1 and 14.

## Verified picture



Western blot analysis with EWSR1 antibody  
diluted at 1:1000