SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0451-100	300 µg

Anti-EWSR1

Source: Goat

General description: Goat polyclonal antibody to EWSR1. EWSR1, or Ewing Sarcoma Breakpoint Region 1, encodes the EWS protein, a member of the FET (FUS, EWS, TAF15) family of RNA-binding proteins. These proteins are involved in various cellular processes, including gene transcription and RNA splicing. The EWS protein has a transcriptional activation domain that initiates gene transcription and an RNA-binding domain that attaches to RNA molecules. This dual functionality suggests a role in both transcription regulation and RNA processing.

Alternative names: EWS, EWS-FLI1, bK984G1.4 antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 140 aa to the N-terminus of human EWSR1 produced in E. coli.

Specificity: Detects endogenous levels of EWSR1 by Western blot in the whole cell lysates (HeLa, LS174T, H69, Jurkat, SHSY5Y, 3T3NIH, AtT20, etc.).

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

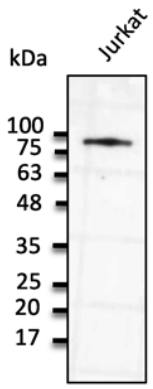
Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Human	+++	ND	ND	ND	ND	ND
Rat	+++	ND	ND	ND	ND	ND
Mouse	+++	ND	ND	ND	ND	ND
Monkey	+++	ND	ND	ND	ND	ND
Canine	+++	ND	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



Endogenous EWSR1 detected with at 1:500 dilution; lysate at 50 µg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.