

# CRLF3 Polyclonal antibody

Catalog Number: 11567-1-AP

## Basic Information

<b>Catalog Number:</b> 11567-1-AP	<b>GenBank Accession Number:</b> BC023567	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 800 µg/ml	<b>GeneID (NCBI):</b> 51379	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IUI8	
<b>Isotype:</b> IgG	<b>Full Name:</b> cytokine receptor-like factor 3	
<b>Immunogen Catalog Number:</b> AG2144	<b>Calculated MW:</b> 442 aa, 50 kDa	
	<b>Observed MW:</b> 51 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U-251 cells,
<b>Species Specificity:</b> human	

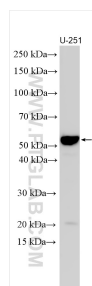
## Background Information

Cytokine receptor-like factor 3 (CRLF3), a member of the group 1 in the prototypic class I cytokine receptors, contains the conserved cytokine receptor motif WSXWS, a single transmembrane segment and an intracellular Janus kinase (JAK) docking site (PMID: 31680856). CRLF3 is expressed in most normal human tissues and many tumor cell lines and has been reported to negatively regulate cell cycle progression (PMID: 19427400). CRLF3 has been identified as a human neuroprotective EV-3 (Epo) receptor (PMID: 37168680). It is involved neurogenesis, neuron survival, and dendritic development (PMID: 34233200).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



U-251 cells were subjected to SDS PAGE followed by western blot with 11567-1-AP (CRLF3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.