

## Product datasheet for **AP31926PU-N**

### ZAP70 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Peptide ELISA:</b> 1/32000 (Detection limit). <b>Western blot:</b> 0.3-1 µg/ml. Detects a band of Approx 70kDa in lysates of cell lines Jurkat and Molt4.
Reactivity:	Bovine, Canine, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_001070.2.
Specificity:	This antibody is expected to recognize isoform 1 (NP_001070.2) only.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	69.9 kDa (NP_001070.2).
Database Link:	<a href="#">Entrez Gene 7535 Human P43403</a>



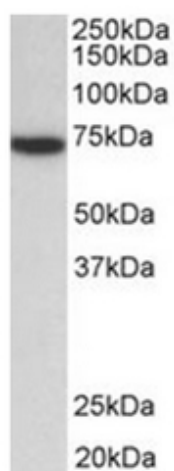
[View online »](#)

**Background:**

ZAP-70 is a 70kDa tyrosine protein kinase which associates with the T-cell receptor (TCR) zeta chain and undergoes phosphorylation following TCR stimulation. ZAP-70 is primarily expressed in T lymphocytes and natural killer cells, where it plays a key role in T-cell receptor (TCR) signalling. Recent studies suggest that ZAP-70 is also expressed in a population of normal immature B-cells and in B-cells from a sub-set of patients with chronic lymphocytic leukaemia.

**Synonyms:**

ZAP-70, ZAP 70, SRK

**Product images:**

ZAP70 antibody staining of Jurkat lysate at 0.3 ug/ml (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.