

## ZAP70 Polyclonal Antibody

catalog number: E-AB-53219

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

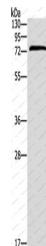
|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Reactivity   | Human;Mouse                                                                        |
| Immunogen    | Synthetic peptide of human ZAP70                                                   |
| Host         | Rabbit                                                                             |
| Isotype      | Rabbit IgG                                                                         |
| Purification | Antigen affinity purification                                                      |
| Buffer       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications

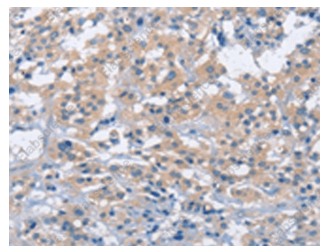
### Recommended Dilution

|     |              |
|-----|--------------|
| WB  | 1:500-1:2000 |
| IHC | 1:25-1:100   |

### Data



Western blot analysis of Jurkat cells using ZAP70 Polyclonal Antibody at dilution of 1:1000  
**Observed-MW: Refer to figures**  
**Calculated-MW: 70 kDa**



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ZAP70 Polyclonal Antibody at dilution of 1:50 (x200)

### Preparation & Storage

|          |                                                                                                          |
|----------|----------------------------------------------------------------------------------------------------------|
| Storage  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

Zeta-associated protein (ZAP)-70, a member of the Syk family of tyrosine kinases, plays an important role in T-cell receptor signaling, natural killer (NK) cell activation and early B-cell development. ZAP-70 is expressed in a subset of cases of chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL) with unmutated immunoglobulin heavy-chain variable region (IgVH) genes and is associated with poor clinical outcome.

### For Research Use Only

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