



## Rabbit anti ALK/p80 Polyclonal Antibody

Alternative Name(s): anaplastic lymphoma receptor tyrosine kinase

### Order Information

- **Description:** ALK/p80
- **Catalogue:** 500-1094
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P)
- **Reactivity:** Hu

### **ANTIGEN PREPARATION**

Recombinant protein corresponding to a region, which spans the tyrosine kinase catalytic domain and part of the Cterminus of the NPM-ALK transcript.

### **BACKGROUND**

ALK is a 80 kDa receptor protein kinase having a putative transmembrane domain and an extracellular domain. This protein is anaplastic lymphoma kinase is highly expressed in the neonatal brain. It is also expressed in the small intestine, testis, and brain but not in normal lymphoid cell.

### **PURIFICATION**

The Rabbit IgG is purified by Epitope Affinity Purification

### **FORMULATION**

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

### **SPECIFICITY**

This antibody recognizes ~80 kDa of human ALK Protein. The other species are not tested.

### **STORAGE**

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### **APPLICATIONS/SUGGESTED WORKING DILUTIONS\***

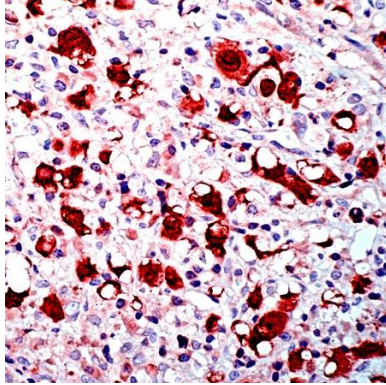
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 80.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

\*Optimal dilutions should be determined by researchers for the specific applications.

### **FOR RESEARCH USE ONLY.**

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA  
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). [www.abbomax.com](http://www.abbomax.com) [info@abbomax.com](mailto:info@abbomax.com)

**DATA ATTACHMENTS**



Immunohistochemistry: Human Anaplastic lymphoma tissue stained with Anti-ALK/p80 antibody, (Cat# 500-1094) at 1:50 for 10 min @ RT. Staining of formalin-fixed, paraffin-embedded tissue requires deparaffinizing by xylene or xylene alternative and graded alcohols. Heat-induced antigen retrieval is required by boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

**REFERENCES**

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