

# ALK-Specific Polyclonal antibody

Catalog Number: 19779-1-AP

## Basic Information

**Catalog Number:**

19779-1-AP

**Size:**

130 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_004304

**GeneID (NCBI):**

238

**UNIPROT ID:**

Q9UM73

**Full Name:**

anaplastic lymphoma receptor  
tyrosine kinase

**Calculated MW:**

1620 aa, 176 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

ALK, also named as CD246, is a receptor tyrosine kinase (RTK) that belongs to the protein kinase superfamily. ALK is usually found in the nervous system and appears to play an important role in the normal development and function of the nervous system. ALK was originally identified as part of the NPM (Nucleophosmin)-ALK oncogenic fusion protein, resulting from the (2;5)(p23;q35) translocation that is frequently associated with anaplastic large-cell lymphoma (ALCL). The EML4 (echinoderm microtubule-associated protein-like 4)-ALK fusion protein have been described in non-small-cell lung cancer (NSCLC), this transforming fusion kinase is a promising candidate for a therapeutic target as well as for a diagnostic molecular marker in NSCLC (PMID: 17625570). This antibody is specific to ALK.

## 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

