

## ALK(Phospho-Tyr1278/1282/1283) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01647
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized phosho peptide around human ALK (Tyr1278 and 1282 and 1283)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ALK
<b>Synonyms</b>	ALK ;Tyr1278/1282/1283; ALK tyrosine kinase receptor; EC 2.7.10.1; Anaplastic lymphoma kinase; CD antigen CD246

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes a receptor tyrosine kinase which belongs to the insulin receptor superfamily. This protein comprises an extracellular domain| an hydrophobic stretch corresponding to a single pass transmembrane region| and an intracellular kinase domain. It plays an important role in the development of the brain and exerts its effects on specific neurons in the nervous system. This gene has been found to be rearranged| mutated| or amplified in a series of tumours including anaplastic large cell lymphomas| neuroblastoma| and non-small cell lung cancer. The chromosomal rearrangements are the most common genetic alterations in this gene| which result in creation of multiple fusion genes in tumourigenesis| including ALK (chromosome 2)|EML4 (chromosome 2)| ALK/RANBP2 (chromosome 2)| ALK/ATIC (chromosome 2)| ALK/TFG (chromosome 3)| ALK/NPM1 (chromosome 5)| ALK/SQSTM1 (chromosome

### Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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