

ALK (Phospho-Tyr1586) Polyclonal Antibody

Catalog No: #14101

Package Size: #14101-1 50ul #14101-2 100ul

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Description

Product Name	ALK (Phospho-Tyr1586) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	IHC-p,IF(paraffin section),WB
Species Reactivity	Human:Y1586, Mouse:Y1592
Specificity	This antibody detects endogenous phospho levels of ALK (Phospho-Tyr1586) at Human:Y1586, Mouse:Y1592
Immunogen Description	Synthesized peptide derived from human ALK (Phospho-Tyr1586)
Other Names	ALK tyrosine kinase receptor (EC 2.7.10.1) (Anaplastic lymphoma kinase) (CD antigen CD246)
Accession No.	Swiss Prot:Q9UM73GeneID:238
SDS-PAGE MW	176
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

IHC-p 1:50-200, WB 1:500-2000

Background

anaplastic lymphoma receptor tyrosine kinase(ALK) Homo sapiens 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

Note: This product is for in vitro research use only and is not intended for use in humans or animals.