

For Research Use Only

Phospho-ALK (Tyr1604) Polyclonal antibody

Catalog Number: 30266-1-AP

1 Publications



Basic Information

Catalog Number: 30266-1-AP	GenBank Accession Number: BC157090	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 238	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9UM73	
Isotype: IgG	Full Name: anaplastic lymphoma receptor tyrosine kinase	
	Observed MW: 140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PMA treated HL-60 cells,
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	

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 human ALK appears to exist as a 140 kDa protein, as well as the 220 kDa full-length ALK species and the 140 kDa ALK species is thought to be the result of a cleavage within the extracellular region of full-length ALK. The 140 kDa ALK protein is phosphorylated in response to activation of ALK(PMID: 19459784).

Notable Publications

Author	Pubmed ID	Journal	Application
Jianchao Zhang	39114932	J Med Chem	WB

Storage

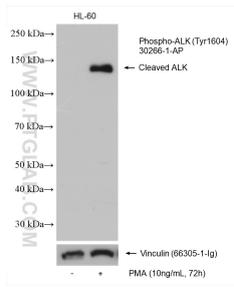
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data



Non-treated and PMA treated HL-60 cells were subjected to SDS PAGE followed by western blot with 30266-1-AP (Phospho-ALK (Tyr1604) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Vinculin (66305-1-Ig) antibody as loading control.